

# Product Datasheet

## DIP13B Antibody - Azide and BSA Free H00055198-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00055198-B01P**

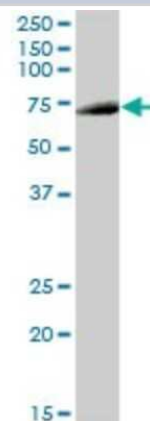
DIP13B Antibody - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.05 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | PBS (pH 7.4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 55198                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | APPL2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | APPL2 - adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                   | APPL2 (AAH33731.1, 1 a.a. - 664 a.a.) full-length human protein.<br>MPAVDKLLLEEALQDSPQTRSLLSVFEEDAGTLTDYTNQLLQAMQRVYGAQNE<br>MCLATQQLSKQLLAYEKQNFALGKGDEEVISTLHYFSKVDELNLLHTELAQKL<br>ADTMVLPPIIQFREKDLTEVSTLKDLFGLASNEHDLMAKYSRLPKKKENEKVKT<br>EVGKEVAAARRKQHLSSLQYYCALNALQYRKQMAMMEPMIGFAHGQINFFKK<br>GAEMFSKRMDLSSVADMVQSIQVELEAEAEKMRVSQQEELLSVDESIVTPD<br>SDVAAPQINRNLIQKAGYLNLRNKTGLVTTTWERLYFFTQGGNLMCQPRGAVA<br>GGLIQDLNCSVMAVDCEDRRYCFQITTPNGKSGIILQAESRKENEWEICAINNI<br>SRQIYLTDNPEAVAIAKLNQALQAVTPITSFGKKQESSCPSQNLKNSEMEENEND<br>KIVPKVTASLPEAEELIAPGTPIQFDIVLPATEFLDQNRGSRRTNPFGETEDESFP<br>EAEDSLLQQMFIVRFLGSMVKTDTSTTEVIYEAMRQVLAARAIHNIFRMTESHL<br>MVTSQSLRLIDPQTQVSRANFELTSVTQFAAHQENKRLVGFVIRVPESTGEESL<br>STYIFESNSEGEKICYAINLGKEIEVQKDPEALALMLSIPLTNDGKYVLLNDQP<br>DDDDGNPNEHRGAESA |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes           | Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control. It is also useful for immunofluorescence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

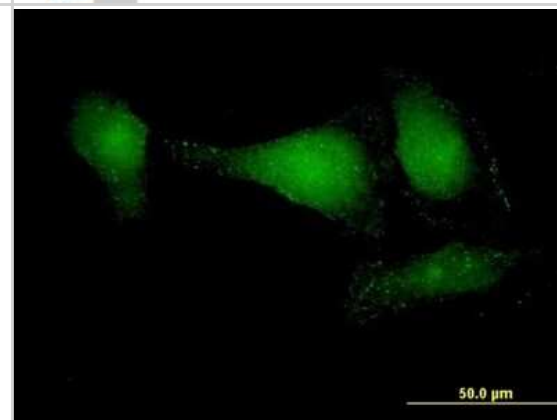


## Images

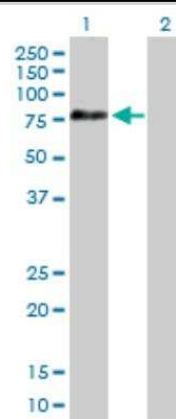
Western Blot: DIP13B Antibody [H00055198-B01P] - Analysis of APPL2 expression in rat brain.



Immunocytochemistry/Immunofluorescence: DIP13B Antibody [H00055198-B01P] - Analysis of purified antibody to APPL2 on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: DIP13B Antibody [H00055198-B01P] - Analysis of DIP13B expression in transfected 293T cell line by DIP13B MaxPab polyclonal antibody. Lane 1: DIP13B transfected lysate (73.04 KDa). Lane 2: Non-transfected lysate.



## Publications

Kostopoulou N, Bellou S, Bagli E et al. Embryonic stem cells are devoid of macropinocytosis, a trafficking pathway for activin A in differentiated cells J Cell Sci 2021-07-28 [PMID: 34313314]

Nikoleta K, Sofia B, Eleni B et al. Embryonic stem cells are devoid of macropinocytosis, a trafficking pathway for activin a in differentiated cells. J Cell Sci. 2021-07-12 [PMID: 34114624]

Wang B, Li A, Li X et al. Activation of hypothalamic RIP-Cre neurons promotes beiging of WAT via sympathetic nervous system. EMBO Rep 2018-02-21 [PMID: 29467283]

Dadson K, Kovacevic V, Rengasamy P et al. Cellular, structural and functional cardiac remodelling following pressure overload and unloading. Int J Cardiol 2016-04-23 [PMID: 27140334]

Cleasby ME, Lau Q, Polkinghorne E et al. The adaptor protein APPL1 increases glycogen accumulation in rat skeletal muscle through activation of the PI3-kinase signalling pathway. J Endocrinol. 2011-05-04 [PMID: 21543456]

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**Products Related to H00055198-B01P**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg     | Mouse IgG Isotype Control                               |
| H00055198-P01-10ug | Recombinant Human DIP13B GST (N-Term) Protein           |

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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