

# Product Datasheet

## **RASGRP 4 Antibody - Azide and BSA Free H00115727-D01P**

Unit Size: 0.1 mg

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

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**H00115727-D01P**

RASGRP 4 Antibody - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 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)                                                                                                     |

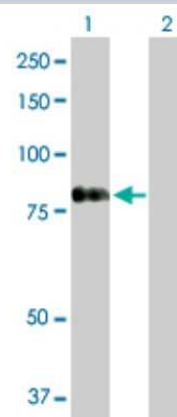
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Novus Biologicals Rabbit RASGRP 4 Antibody - Azide and BSA Free (H00115727-D01P) is a polyclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                 | 115727                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol             | RASGRP4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity | RASGRP4 - RAS guanyl releasing protein 4,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen               | RASGRP4 (NP_733749.1, 1 a.a. - 673 a.a.) full-length human protein.<br>MNRKDSKRKSHQECTGKIGGRGRPRQVRRHKTCPSPREISKVMASMNGLLS<br>EGGCSEDELLEKCIQSFDASAGSLCHEDHMLNMVLAMHSWVLP SADLAARLLTS<br>YQKATGDTQELRRLQICHLVRYWLMRHPEVMHQDPQLEEVI GRFWATVAREG<br>NSAQRRLGDSSDLLSPGGPGPPLPMSSPGLGKKRKVSLLFDHLETGELAQHLT<br>YLEFRSFQAITPQDLRSYVLQGSVRGCPALEGSVGLSNSVSRWVQVMVLSRP<br>GPLQRAQVLDKFIHVAQRLHQLQNFNLTMAVTGGLCHSAISRLKDSHAHLSPD<br>STKALLEL TELLASHNNYARYRRTWAGCAGFRLPVLGVHLKDLVSLHEAQPDR<br>LPDGRHLPLKLNLYLRLQELVALQGQHPPCSANEDLLHLLTSLDLFYTEDEIY<br>ELSYAREPRCPKSLPPSPFNAPLVVEWAPGVTPKPDRVTLGRHVEQLVESVFK<br>NYDPEGRGTISQEDFERLSGNFPFACHGLHPPPRQGRGSFSREELTGYLLRAS<br>AICSKLGLAFLHTFHEVTFRKPTFCDS CSGFLWGVTKQGYRCRECGLCCHKHC<br>RDQVKVECKKRP GAKGDAGPPGAPVPSTPAPHASCGSEENHSYTLSLEPETG<br>CQLRHAWTQTESPHPSWETDTPCPVMDPPSTASSK LDS |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Product Application Details |                                                                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Proximity Ligation Assay                                                                                                                                            |
| Recommended Dilutions       | Western Blot 1:500, Proximity Ligation Assay                                                                                                                                      |
| 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. |

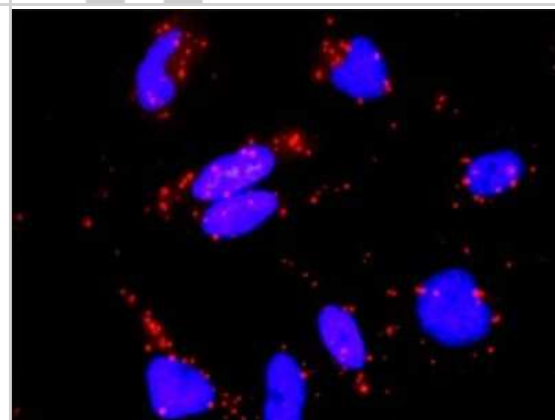


## Images

Western Blot: RASGRP 4 Antibody [H00115727-D01P] - Analysis of RASGRP4 expression in transfected 293T cell line by RASGRP4 polyclonal antibody. Lane 1: RASGRP4 transfected lysate(74.90 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: RASGRP 4 Antibody [H00115727-D01P] - Analysis of protein-protein interactions between RASGRP4 and RAP1A. HeLa cells were stained with anti-RASGRP4 rabbit purified polyclonal 1:1200 and anti-RAP1A mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).





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### **Products Related to H00115727-D01P**

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|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| DY413-05   | IL-13 [Biotin]                                      |

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### **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.

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