

# Product Datasheet

## ITM2B Antibody - BSA Free

### NBP1-88354

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-88354**

ITM2B Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal                                                                                                       |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Immunogen affinity purified                                                                                      |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

|                    |                                                                                                                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit ITM2B Antibody - BSA Free (NBP1-88354) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ITM2B Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                              |
| <b>Gene ID</b>     | 9445                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b> | ITM2B                                                                                                                                                                                                                                               |
| <b>Species</b>     | Human                                                                                                                                                                                                                                               |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>YFALQPDDVYYCGIKYIKDDVILNEPSADAPAAALYQTIEENIKIFEEEEVEFISVPV<br>PEFADSDPANIVHDFNKKLTAYLDLNLDKCYVIPLNTSIVMPPRNLELLINIKAGT<br>YLPQSYLIHEHMITDRIENIDHLGFFIYRLCH |

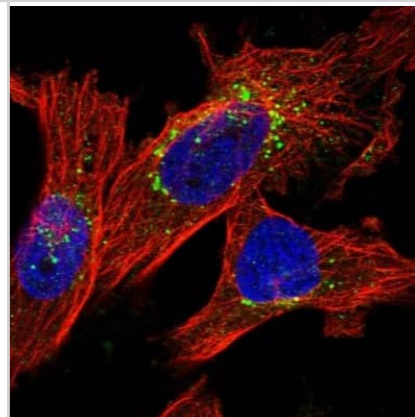
**Product Application Details**

|                              |                                                                                                                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                           |
| <b>Recommended Dilutions</b> | Western Blot Reported in scientific literature (PMID: 25557390), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                                                                                        |

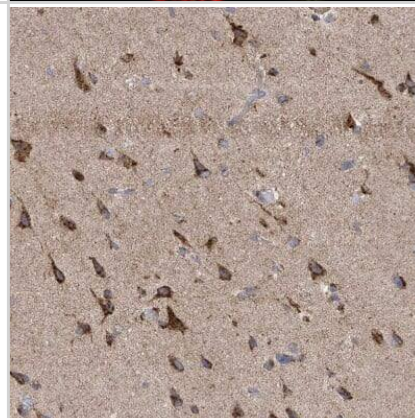


## Images

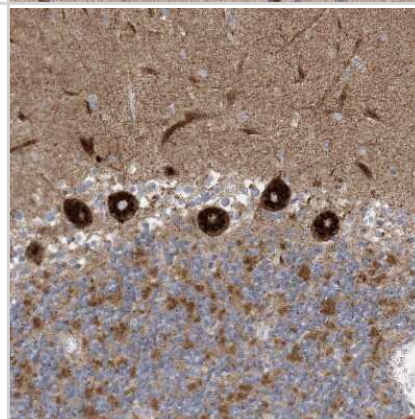
Immunocytochemistry/Immunofluorescence: ITM2B Antibody [NBP1-88354] - Staining of human cell line U-251 MG shows localization to the Golgi apparatus & vesicles. Antibody staining is shown in green.



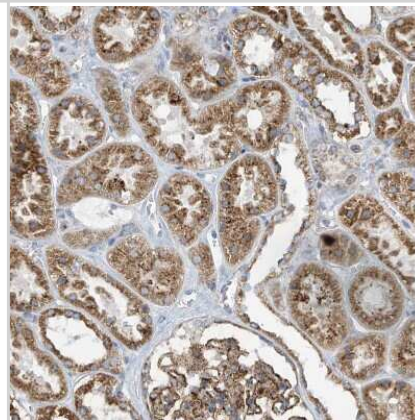
Immunohistochemistry-Paraffin: ITM2B Antibody [NBP1-88354] - Staining of human cerebral cortex shows strong granular cytoplasmic positivity in neuronal cells.



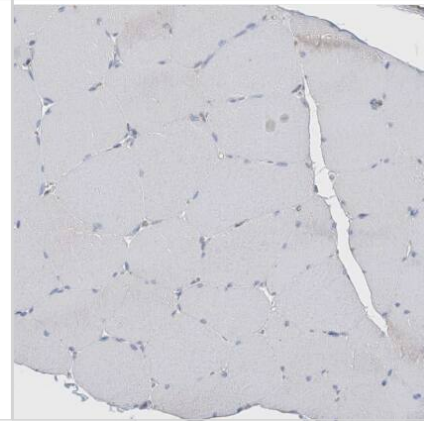
Immunohistochemistry-Paraffin: ITM2B Antibody [NBP1-88354] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: ITM2B Antibody [NBP1-88354] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: ITM2B Antibody [NBP1-88354] - Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



## Publications

Baron BW, Baron RM, Baron JM. The ITM2B (BRI2) gene is a target of BCL6 repression: Implications for lymphomas and neurodegenerative diseases. *Biochim Biophys Acta* 2015-05-01 [PMID: 25557390] (IF/IHC, WB, Human)



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### **Products Related to NBP1-88354**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-88354PEP | ITM2B Recombinant Protein Antigen                   |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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