

# Product Datasheet

## RAVER1 Antibody - BSA Free

### NBP2-47313

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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**NBP2-47313**

RAVER1 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                 |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                       |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                 |
| Clonality                   | Polyclonal                                                                                                                                                                                             |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                     |
| Isotype                     | IgG                                                                                                                                                                                                    |
| Purity                      | Immunogen affinity purified                                                                                                                                                                            |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                        |
| Description                 | Novus Biologicals Rabbit RAVER1 Antibody - BSA Free (NBP2-47313) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                                 |
| Gene ID                     | 125950                                                                                                                                                                                                 |
| Gene Symbol                 | RAVER1                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                  |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (87%)                                                                                        |
| Immunogen                   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>LLPEPNILQLLNNLGPSASLQLLLNP LLHGSAGGKQG LLGAPPAMPLLNGPALS<br>TALLQLALQTQGQKKPGILGDSPLG                       |
| Product Application Details |                                                                                                                                                                                                        |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                             |
| Recommended Dilutions       | Western Blot 0.04-0.4 µg/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50                                         |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.                                                                                         |

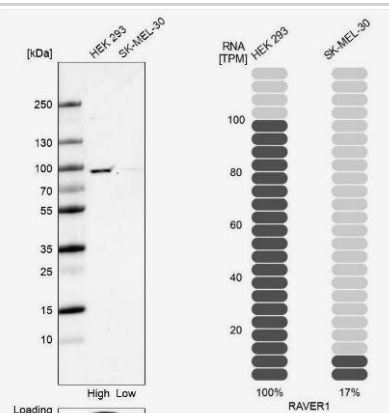


## Images

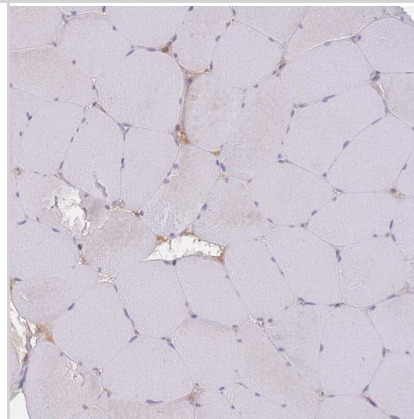
Immunohistochemistry: RAVER1 Antibody [NBP2-47313] - Immunohistochemistry analysis in human small intestine and skeletal muscle tissues using NBP2-47313 antibody. Corresponding RAVER1 RNA-seq data are presented for the same tissues.



Western Blot:RAVER1 Antibody:NBP2-47313-Analysis in human cell line HEK 293 and human cell line SK-MEL-30.



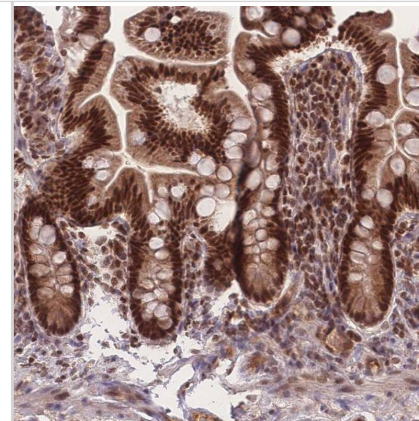
Immunohistochemistry: RAVER1 Antibody [NBP2-47313] - Staining of human skeletal muscle shows low positivity in myocytes as expected.



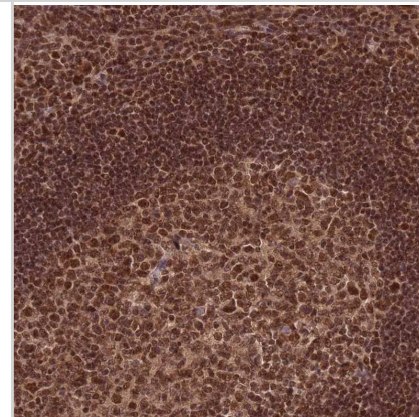
Immunohistochemistry: RAVER1 Antibody [NBP2-47313] - Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



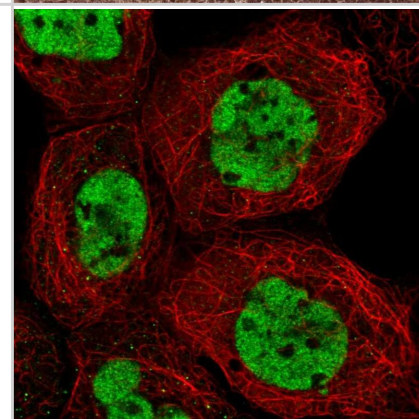
Immunohistochemistry: RAVER1 Antibody [NBP2-47313] - Staining of human small intestine shows strong nuclear positivity in glandular cells.



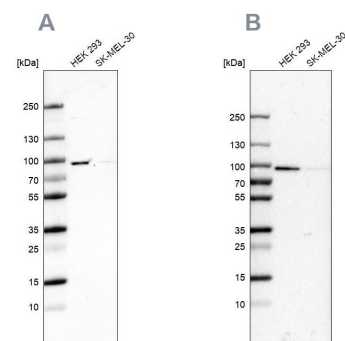
Immunohistochemistry: RAVER1 Antibody [NBP2-47313] - Staining of human lymphoid tissues shows strong nuclear positivity in non-germinal center cells.



Staining of human cell line A-431 shows localization to nucleoplasm.



Analysis using NBP2-47313 (A) shows similar pattern to independent antibody NBP2-48795 (B).





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### **Products Related to NBP2-47313**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-47313PEP | RAVER1 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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