

# Product Datasheet

## SMURF2 Antibody - BSA Free

### NBP2-81916

Unit Size: 0.1 mg

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

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**NBP2-81916**

SMURF2 Antibody - BSA Free

**Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 mg                                                                                 |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <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>                  | Peptide affinity purified                                                              |
| <b>Buffer</b>                  | PBS                                                                                    |
| <b>Target Molecular Weight</b> | 85 kDa                                                                                 |

**Product Description**

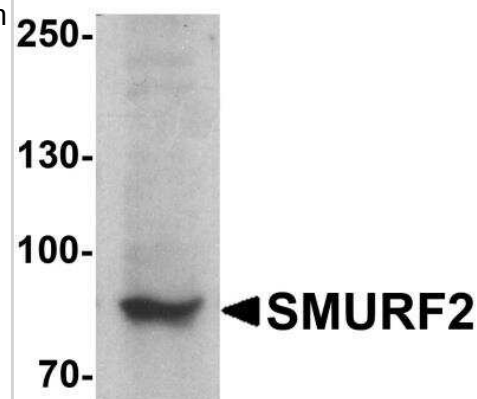
|                                |                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Rabbit SMURF2 Antibody - BSA Free (NBP2-81916) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                        |
| <b>Gene ID</b>                 | 64750                                                                                                                                                                                                         |
| <b>Gene Symbol</b>             | SMURF2                                                                                                                                                                                                        |
| <b>Species</b>                 | Human, Mouse, Rat                                                                                                                                                                                             |
| <b>Specificity/Sensitivity</b> | SMURF2 antibody is human, mouse and rat reactive. SMURF2 is predicted to not cross-react with SMURF1.                                                                                                         |
| <b>Immunogen</b>               | SMURF2 antibody was raised against a 17 amino acid peptide near the amino terminus of human SMURF2. The immunogen is located within amino acids 140 - 190 of SMURF2. Amino Acid Sequence: SRLFDNDLPDGWEERR    |

**Product Application Details**

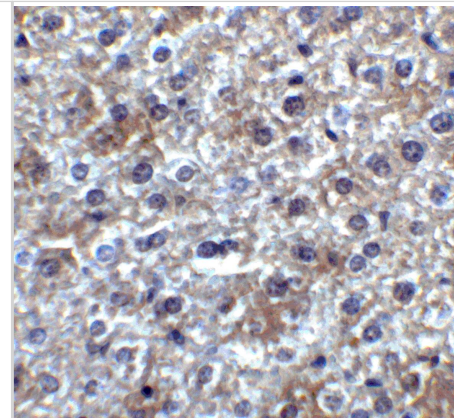
|                              |                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                             |
| <b>Recommended Dilutions</b> | Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin |

**Images**

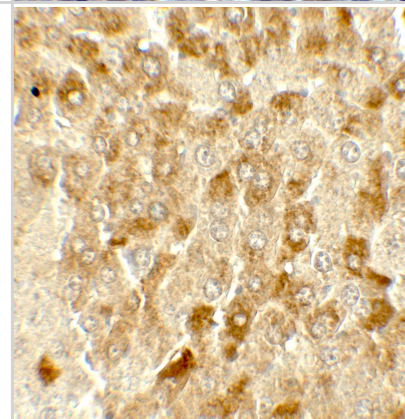
Western Blot: SMURF2 Antibody [NBP2-81916] - Analysis of SMURF2 in C2C12 cell lysate with SMURF2 antibody at 1 ug/ml.



Immunohistochemistry: SMURF2 Antibody - BSA Free [NBP2-81916] - Immunohistochemistry of SMURF2 in mouse liver tissue with SMURF2 antibody at 2 ug/ml.

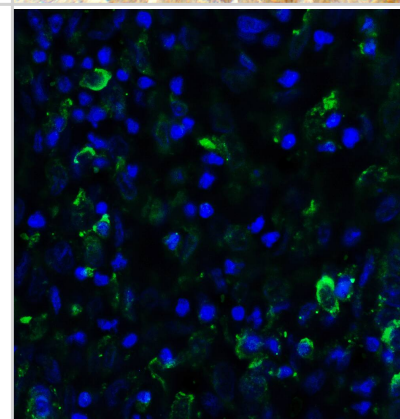


Immunohistochemistry: SMURF2 Antibody - BSA Free [NBP2-81916] - Immunohistochemistry of SMURF2 in mouse liver tissue with SMURF2 antibody at 5 ug/mL.



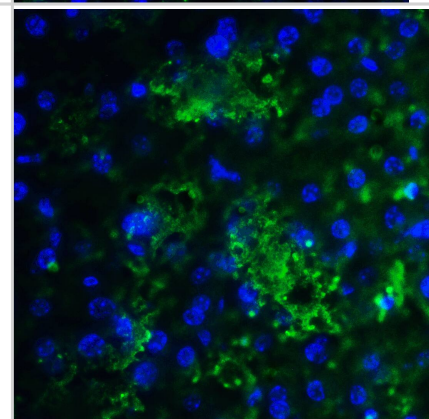
Immunocytochemistry/ Immunofluorescence: SMURF2 Antibody - BSA Free [NBP2-81916] - Immunofluorescence of SMURF2 in human uterus tissue with SMURF2 antibody at 20 ug/ml.

Green: SMURF2 Antibody  
Blue: DAPI staining

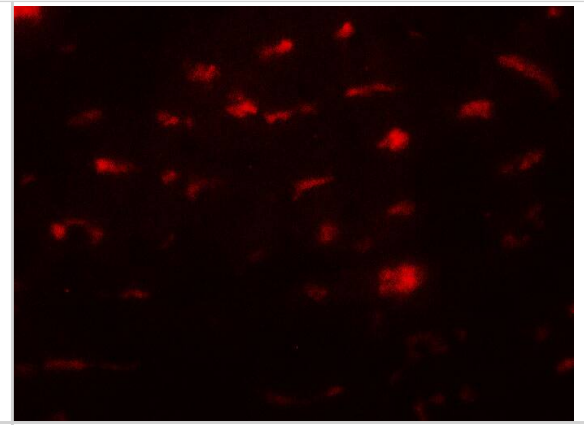


Immunocytochemistry/ Immunofluorescence: SMURF2 Antibody - BSA Free [NBP2-81916] - Immunofluorescence of SMURF2 in mouse liver tissue with SMURF2 antibody at 20 ug/ml.

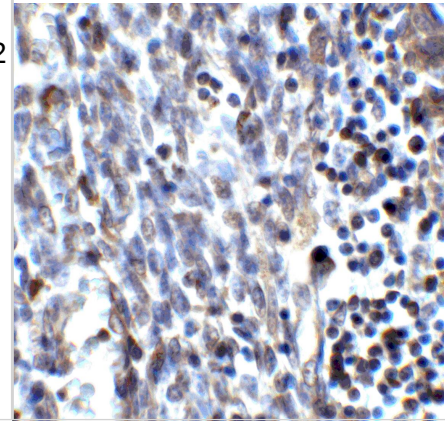
Green: SMURF2 Antibody  
Blue: DAPI staining



Immunocytochemistry/ Immunofluorescence: SMURF2 Antibody - BSA Free [NBP2-81916] - Immunofluorescence of SMURF2 in mouse liver tissue with SMURF2 antibody at 20 ug/mL.



Immunohistochemistry: SMURF2 Antibody - BSA Free [NBP2-81916] - Immunohistochemistry of SMURF2 in human uterus tissue with SMURF2 antibody at 2 ug/ml.





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### **Products Related to NBP2-81916**

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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                          |
| NBP2-57554PEP | SMURF2 Recombinant Protein Antigen                  |

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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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