

# Product Datasheet

## MISP1 Antibody - BSA Free

### NBP2-14390

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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Updated 12/2/2025 v.20.1

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**NBP2-14390**

MISP1 Antibody - BSA Free

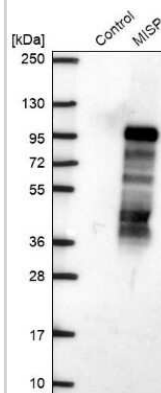
| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -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>        | Affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |   |
|---------------------|---|
| <b>Description</b>  | Novus Biologicals Rabbit MISP1 Antibody - BSA Free (NBP2-14390) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>         | Rabbit  |
| <b>Gene ID</b>      | 126353  |
| <b>Gene Symbol</b>  | MISP  |
| <b>Species</b>      | Human   |
| <b>Immunogen</b>    | This antibody was developed against a recombinant protein corresponding to the amino acids:<br>SQASGITGSYSVSESPFFSPIHLHSNVAWTVEDPVDSAPPGQRKKEQWYAGIN<br>PSDGINSEVLEAIRVTRHKNAMAERWESRIYASEEDD         |

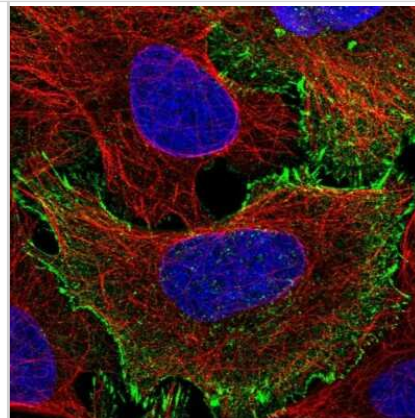
| Product Application Details  |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.                   |

**Images**

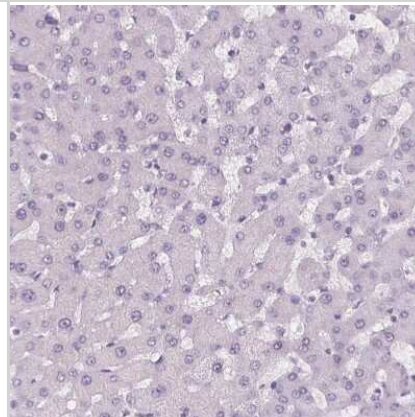
Western Blot: MISP1 Antibody [NBP2-14390] - Analysis in control (vector only transfected HEK293T lysate) and MISP over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



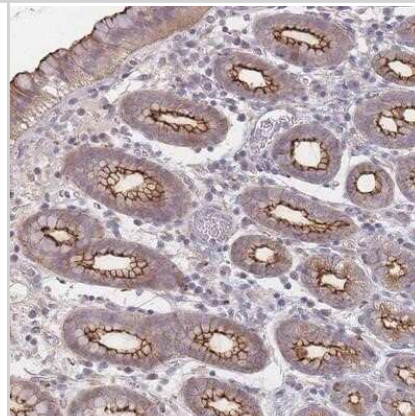
Immunocytochemistry/Immunofluorescence: MISP1 Antibody [NBP2-14390] - Staining of human cell line U-2 OS shows localization to plasma membrane and focal adhesion sites.



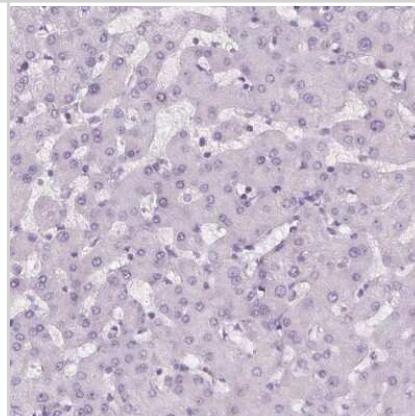
Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining of human liver shows no positivity in hepatocytes as expected.



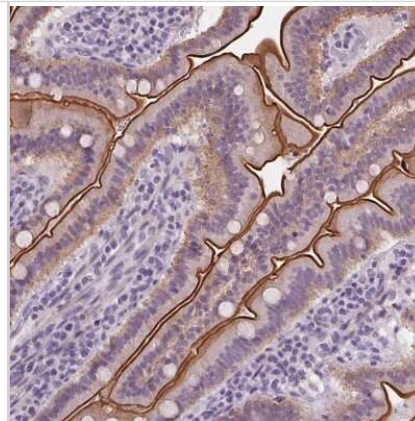
Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining of human stomach, lower shows strong membranous and cytoplasmic positivity in glandular cells.



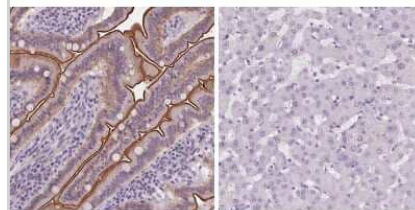
Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining of human small intestine shows high expression.

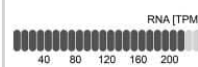


Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining in human small intestine and liver tissues using anti-MISP antibody. Corresponding MISP RNA-seq data are presented for the same tissues.

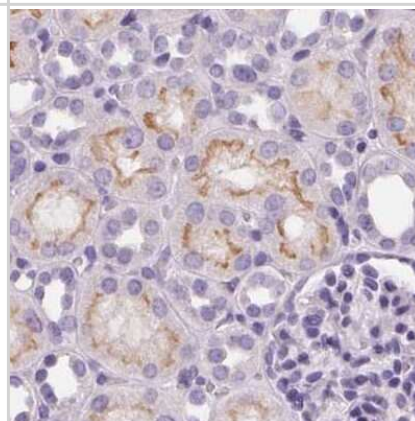


MISP in Small intestine

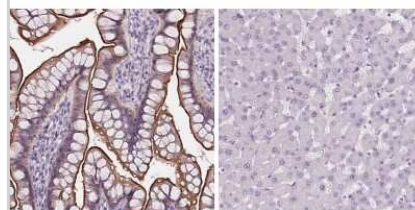
MISP in Liver



Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining of human kidney.

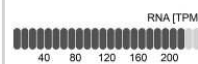


Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Analysis in human small intestine and liver tissues. Corresponding MISP1 RNA-seq data are presented for the same tissues.

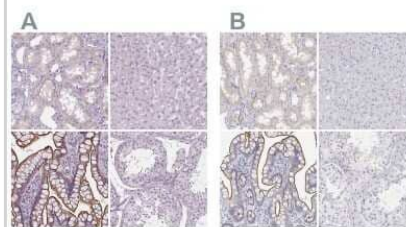


MISP in Small intestine

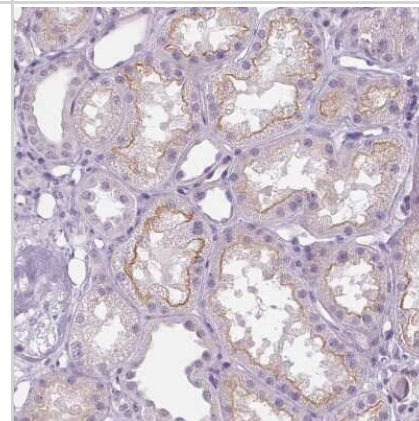
MISP in Liver



Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining of human kidney, liver, small intestine and testis using Anti-MISP1 antibody NBP2-14390 (A) shows similar protein distribution across tissues to independent antibody NBP2-38955 (B).



Immunohistochemistry-Paraffin: MISP1 Antibody [NBP2-14390] - Staining of human kidney shows moderate positivity in luminal membrane in cells in tubules.





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### **Products Related to NBP2-14390**

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|               |   |
|---------------|---|
| NBP2-14390PEP | MISP1 Recombinant Protein Antigen                   |
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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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