

Product Datasheet

Serpin B5/Maspin Antibody - BSA Free NBP1-87780

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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NBP1-87780

Serpine B5/Maspin Antibody - BSA Free

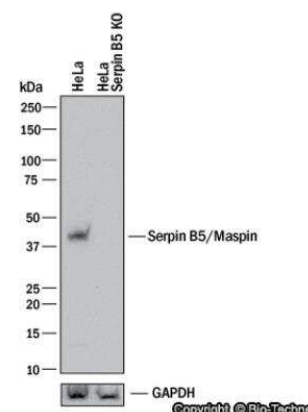
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Serpin B5/Maspin Antibody - BSA Free (NBP1-87780) 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	5268
Gene Symbol	SERPINB5
Species	Human, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MDALQLANSFAVDLFLKQLCEKEPLGNVLFSPICLSTSLSLAQVGAKGDTANEI GQVLHFENVKDVDPFGFQTVTSDVNLSSFYSLKLIKRLVVD

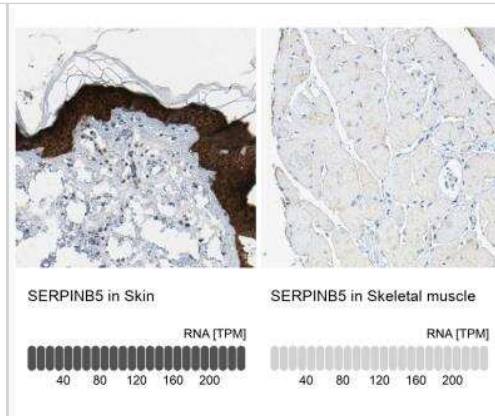
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

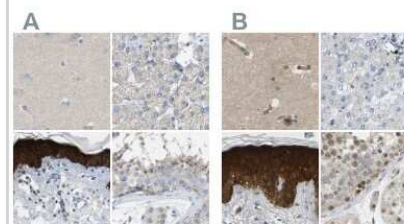
Western Blot: Serpin B5/Maspin Antibody [NBP1-87780] - Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and MASPIN/Serpin B5 knockout (KO) HeLa cell line. PVDF membrane was probed with 0.5 ug/ml of Rabbit Anti-Human MASPIN/Serpin B5 Polyclonal Antibody (Catalog # NBP1-87780) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog #HAF008). Specific band was detected for MASPIN/Serpin B5 at approximately 40 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions.



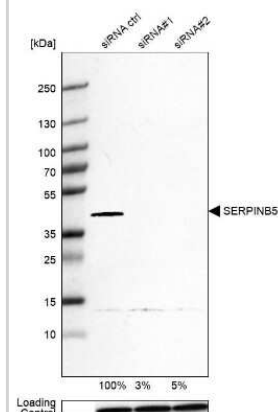
Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Analysis in human skin and skeletal muscle tissues. Corresponding SERPINB5 RNA-seq data are presented for the same tissues.



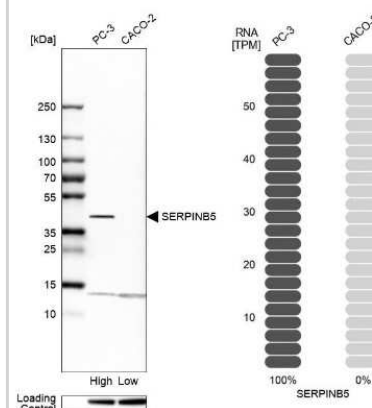
Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human cerebral cortex, liver, skin and testis using Anti-SERPINB5 antibody NBP1-87780 (A) shows similar protein distribution across tissues to independent antibody NBP1-87779 (B).



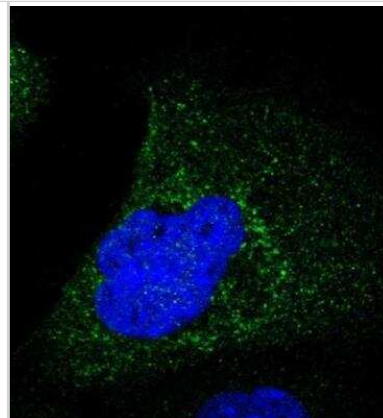
Western Blot: Serpin B5/Maspin Antibody [NBP1-87780] - Analysis in HeLa cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-PPIB.



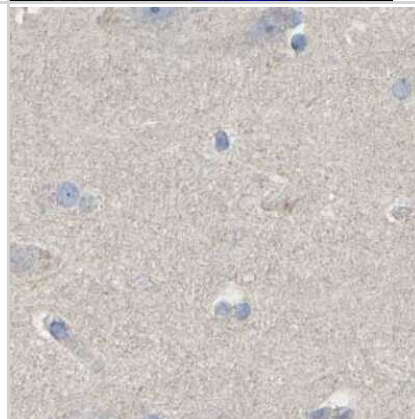
Western Blot: Serpin B5/Maspin Antibody [NBP1-87780] - Analysis in human cell lines PC-3 and Caco-2 using anti-SERPINB5 antibody. Corresponding SERPINB5 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



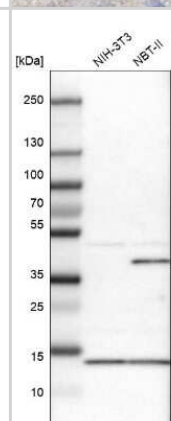
Immunocytochemistry/Immunofluorescence: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human cell line A-431 shows positivity in cytoplasm. Antibody staining is shown in green.



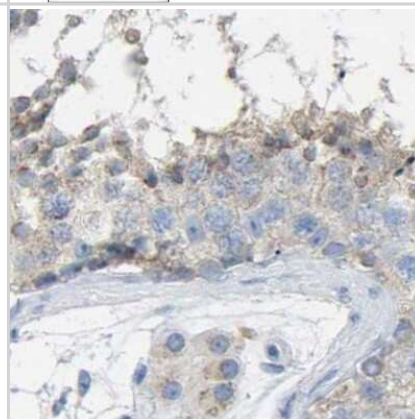
Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human cerebral cortex.



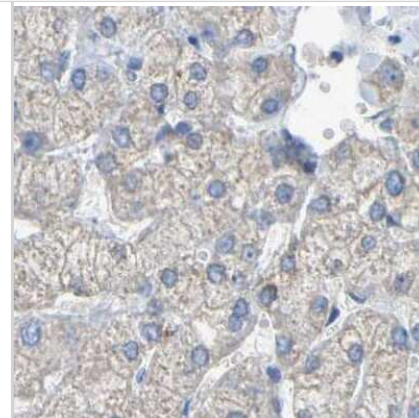
Western Blot: Serpin B5/Maspin Antibody [NBP1-87780] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



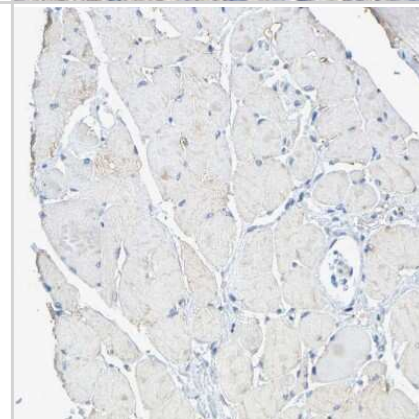
Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human testis.



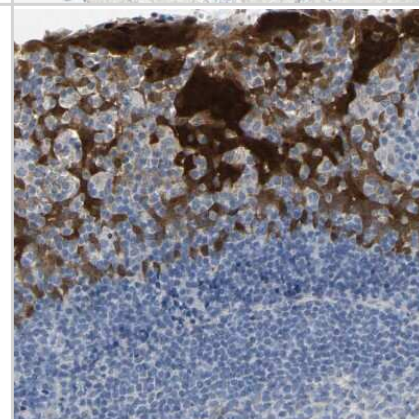
Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human liver.



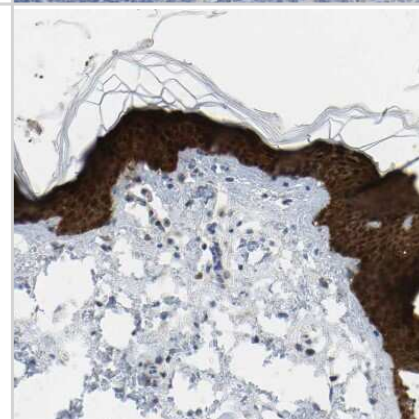
Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



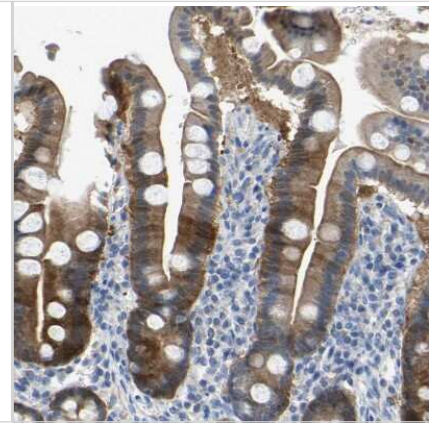
Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human tonsil shows strong cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human skin shows strong positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: Serpin B5/Maspin Antibody [NBP1-87780] - Staining of human upper gastrointestinal shows weak to moderate cytoplasmic/membranous positivity in glandular cells.





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Products Related to NBP1-87780

NBP1-87780PEP	Serpin B5/Maspin 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

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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