

Product Datasheet

Serpin C1/Antithrombin-III Antibody NBP2-76966

Unit Size: 100 ul

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

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NBP2-76966**Serpin C1/Antithrombin-III Antibody****Product Information**

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	53 kDa

Product Description

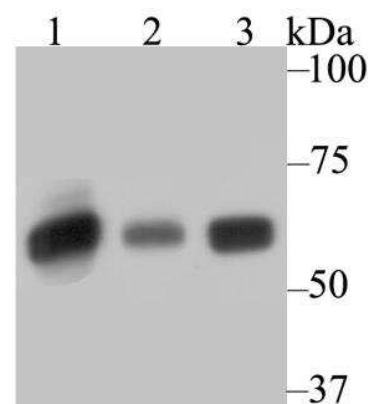
Host	Rabbit
Gene Symbol	SERPINC1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Serpin C1/Antithrombin-III aa 150-370 / 464. (SwissProt: P01008 Human; SwissProt: P32261 Mouse; SwissProt: Q5M7T5 Rat)

Product Application Details

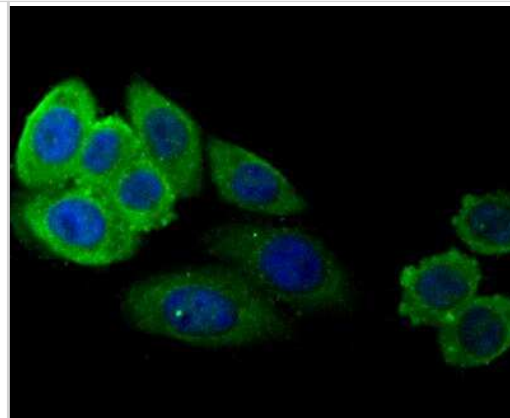
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

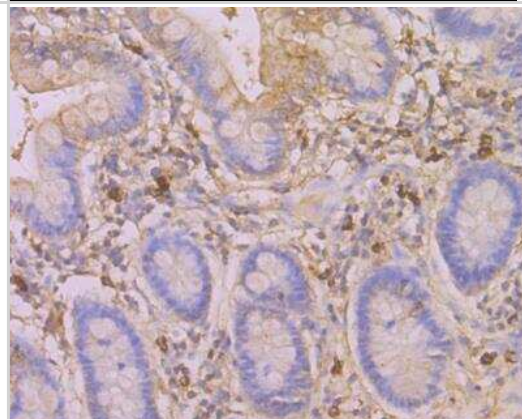
Western Blot: Serpin C1/Antithrombin-III Antibody [NBP2-76966] - Western blot analysis of SERPINC1 on different lysates using anti-SERPINC1 antibody at 1/500 dilution. Positive control: Lane1: HepG2 Lane2: Mouse smooth muscle Lane3: Mouse lung



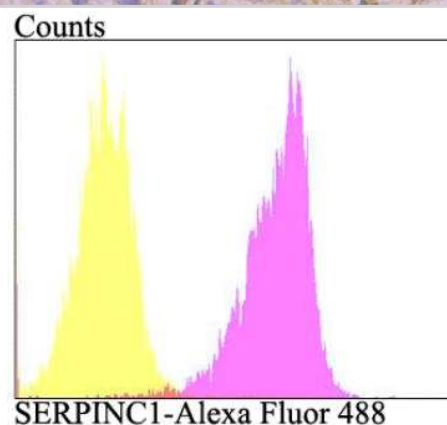
Immunocytochemistry/Immunofluorescence: Serpin C1/Antithrombin-III Antibody [NBP2-76966] - ICC staining SERPINC1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



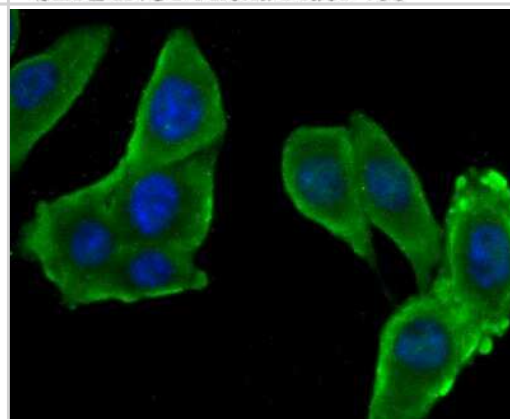
Immunohistochemistry: Serpin C1/Antithrombin-III Antibody [NBP2-76966] - Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-SERPINC1 antibody. Counter stained with hematoxylin.



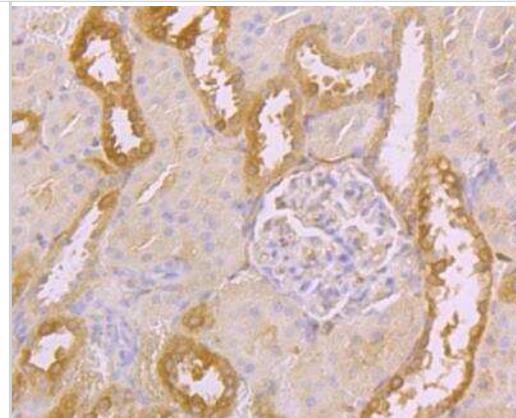
Flow Cytometry: Serpin C1/Antithrombin-III Antibody [NBP2-76966] - Flow cytometric analysis of HepG2 cells with SERPINC1 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



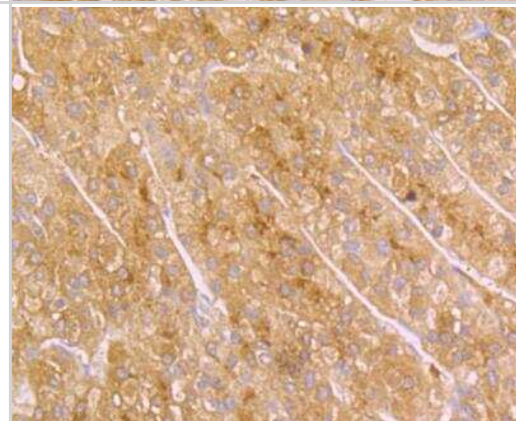
Immunocytochemistry/Immunofluorescence: Serpin C1/Antithrombin-III Antibody [NBP2-76966] - ICC staining SERPINC1 in H22 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry: Serpin C1/Antithrombin-III Antibody [NBP2-76966] - Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-SERPINC1 antibody. Counter stained with hematoxylin.



Immunohistochemistry: Serpin C1/Antithrombin-III Antibody [NBP2-76966] - Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-SERPINC1 antibody. Counter stained with hematoxylin.



Publications

Higgins NR, Greenslade JE, Wu JJ et al. Serpin neuropathology in the P497S UBQLN2 mouse model of ALS/FTD Brain pathology (Zurich, Switzerland) 2021-03-29 [PMID: 33780087] (WB, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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