

Product Datasheet

Serpin A1/alpha 1-Antitrypsin Antibody - BSA Free NBP1-90308

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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Publications: 1

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NBP1-90308

Serp1n A1/alpha 1-Antitrypsin Antibody - BSA Free

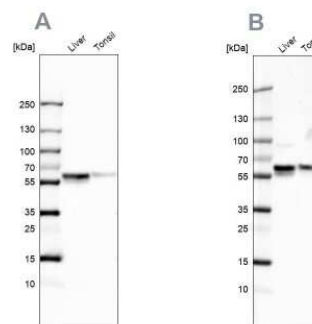
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5265
Gene Symbol	SERPINA1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23470167)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GMFNIQHCKKLSSWVLLMKYLGNATAIFFLPDEGKLQHLENELTHDIITKFLNE DRRSASLHLPKLSITGTDLKSVLGQLGITKVFSGADLSGVTEEAAPLKLSKAVH KAVLTIDEKGTEAAGAMFLEAIPMSIPPEVKFNKPFVFLMGAPHR

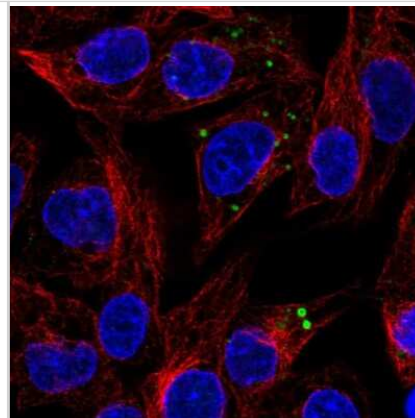
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

Images

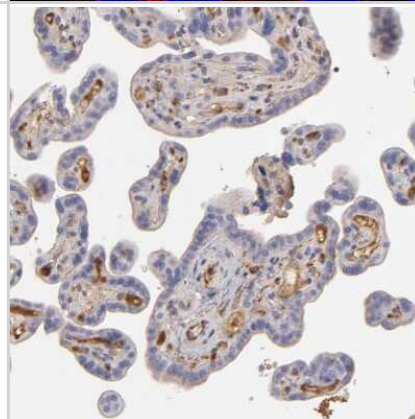
Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Analysis using Anti-SERPINA1 antibody NBP1-90308 (A) shows similar pattern to independent antibody NBP1-90309 (B).



Immunocytochemistry/Immunofluorescence: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human cell line Hep G2 shows localization to vesicles. Antibody staining is shown in green.



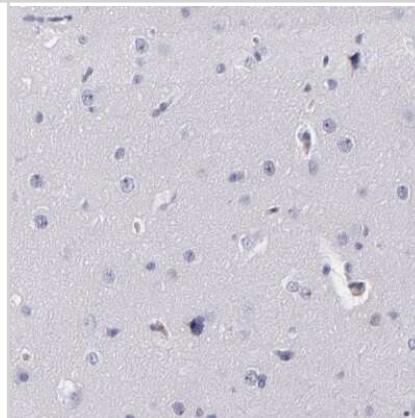
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human placenta shows strong positivity in plasma in blood vessels.



Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Analysis in human cell line HepG2.



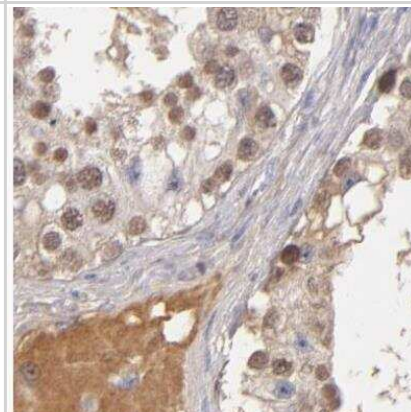
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human cerebral cortex shows low expression as expected.



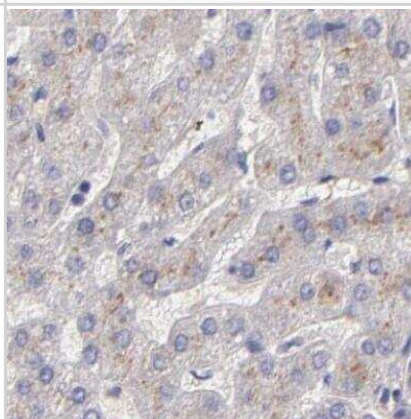
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human kidney shows high expression.



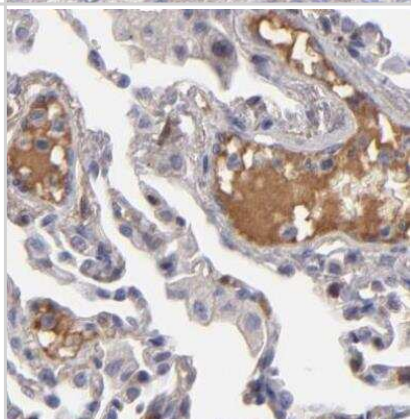
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human testis using Anti-SERPINA1 antibody.



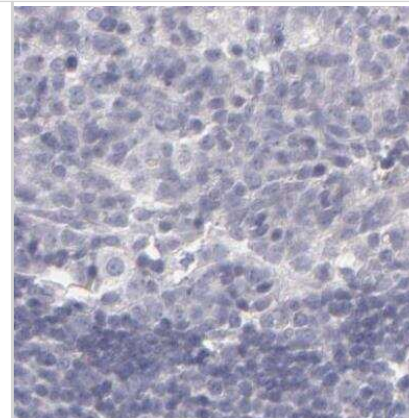
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human liver using Anti-SERPINA1 antibody.



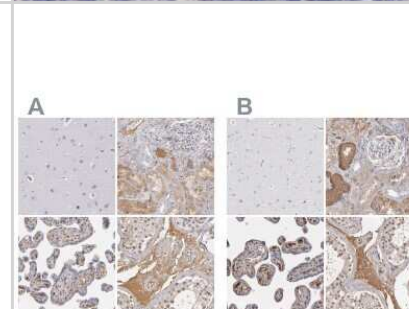
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human lung using Anti-SERPINA1 antibody.



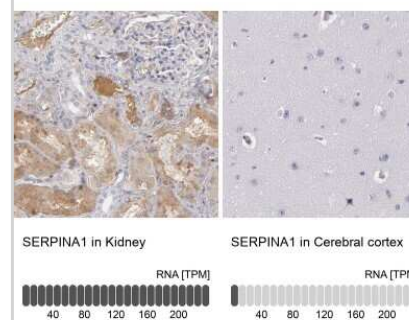
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human lymph node using Anti-SERPINA1 antibody.



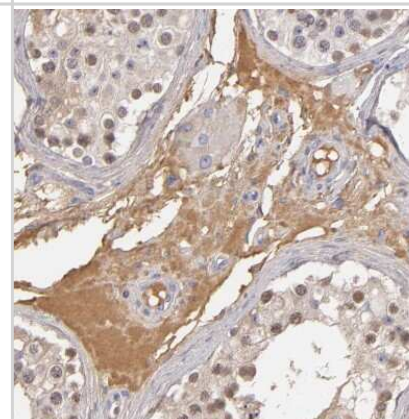
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human cerebral cortex, kidney, placenta and testis using Anti-SERPINA1 antibody NBP1-90308 (A) shows similar protein distribution across tissues to independent antibody NBP1-90309 (B).



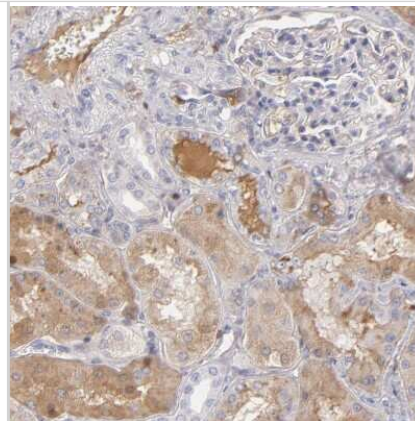
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Analysis in human kidney and cerebral cortex tissues using NBP1-90308 antibody. Corresponding SERPINA1 RNA-seq data are presented for the same tissues.



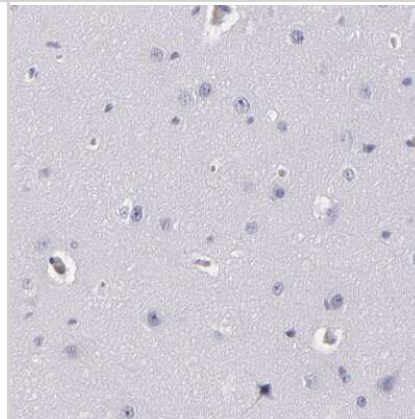
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human testis shows moderate positivity in plasma.



Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human kidney shows moderate positivity in plasma.



Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody [NBP1-90308] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Publications

Linden M, Segersten U, Runeson M et al. Tumour expression of bladder cancer-associated urinary proteins. BJU Int 2013-08-01 [PMID: 23470167]



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Products Related to NBP1-90308

NBP1-90308PEP	Serpin A1/alpha 1-Antitrypsin 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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