

Product Datasheet

Serpin F2/alpha 2-Antiplasmin Antibody NB100-96916

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 4

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NB100-96916**Serpin F2/alpha 2-Antiplasmin Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Serpin F2/alpha 2-Antiplasmin Antibody (NB100-96916) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Serpin F2/alpha 2-Antiplasmin Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5345
Gene Symbol	SERPINF2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_000925.2; NP_001159393.1). Reported variants represent identical protein (NP_000925.2; NP_001159393.1).
Immunogen	Peptide with sequence C-KDFLQSLKGFPRGDK corresponding to internal region according to NP_000925.2, NP_001159393.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Immunohistochemistry 3 - 5 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 3 - 5 ug/mL, Peptide ELISA Detection limit 1:16000

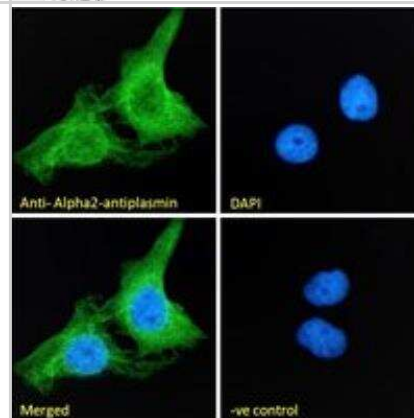


Images

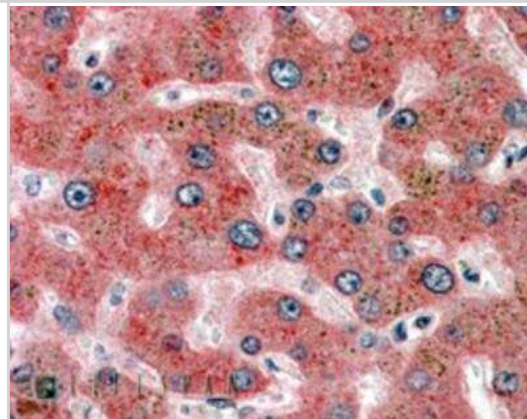
Western Blot: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] - Staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by chemiluminescence. Approx 70 kDa band observed in lysates of cell line HepG2 (calculated MW of 54.6 kDa according to NP_000925.2).

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

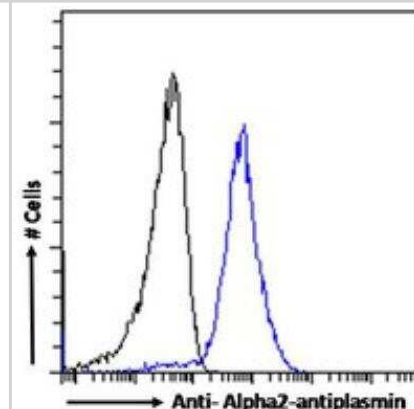
Immunocytochemistry/Immunofluorescence: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunohistochemistry-Paraffin: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] - Staining of paraffin embedded Human Liver. Antibody at 3.8 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Tilwawala R, Nguyen SH, Maurais AJ et al. The Rheumatoid Arthritis-Associated Citrullinome. *Cell Chem Biol* 2018-03-21 [PMID: 29628436]

Tilwawala R, Nemmara VV, Reyes AC Et al. The role of SERPIN citrullination in thrombosis *Cell chemical biology* 2021-07-27 [PMID: 34352225]

Matsuno H, Okada K, Ueshima S et al. Alpha2-antiplasmin plays a significant role in acute pulmonary embolism. *J Thromb Haemost* 2003-08-01 [PMID: 12911586]

Lee KN, Jackson KW, Christiansen VJ et al. A novel plasma proteinase potentiates alpha2-antiplasmin inhibition of fibrin digestion. *Blood* 2004-05-01 [PMID: 14751930]





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Products Related to NB100-96916

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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