

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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Updated 10/23/2024 v.20.1

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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	
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_001159392.1).
Immunogen	Peptide with sequence C-KDFLQSLKGFPARGDK corresponding to internal region according to NP_000925.2, NP_001159393.1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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

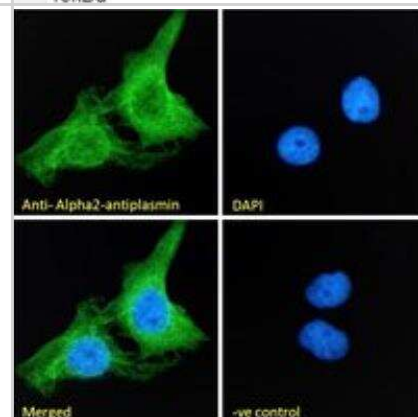


Images

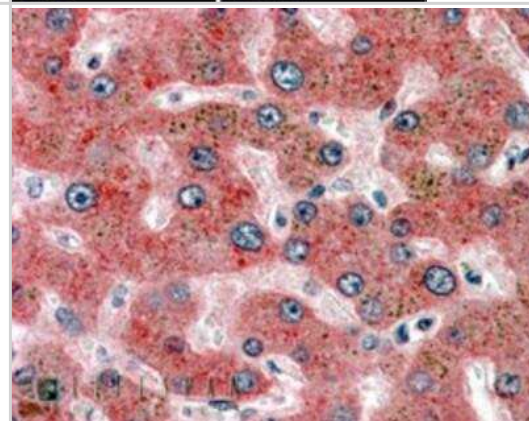
Western Blot: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] - Staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by chemiluminescence. Approx 70 kDa band observed in lysates of cell line HepG2 (calculated MW of 54.6 kDa according to NP_000925.2).

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

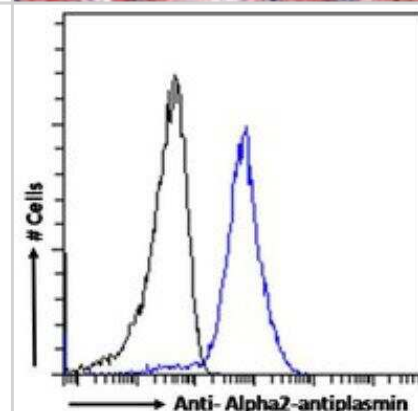
Immunocytochemistry/Immunofluorescence: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic 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

Tilvawala 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

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
NBP1-90305PEP	Serpin F2/alpha 2-Antiplasmin Recombinant Protein Antigen

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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