

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

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

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	5345
<b>Gene Symbol</b>	SERPINF2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	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).
<b>Immunogen</b>	Peptide with sequence C-KDFLQSLKGFPRGDK corresponding to internal region according to NP_000925.2, NP_001159393.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	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

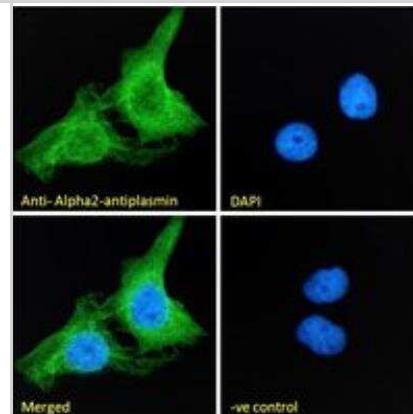


## Images

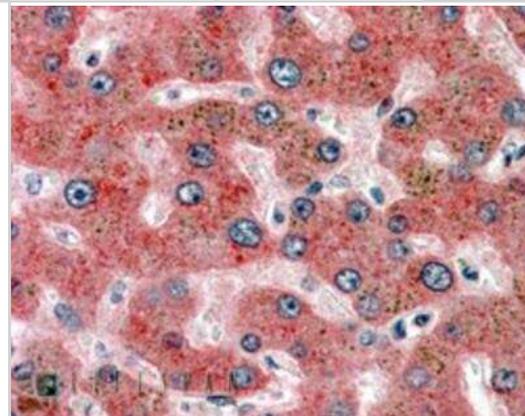
**Western Blot: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] -** Staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by chemiluminescence. Approx 70 kDa band observed in lysates of cell line HepG2 (calculated MW of 54.6 kDa according to NP\_000925.2).

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

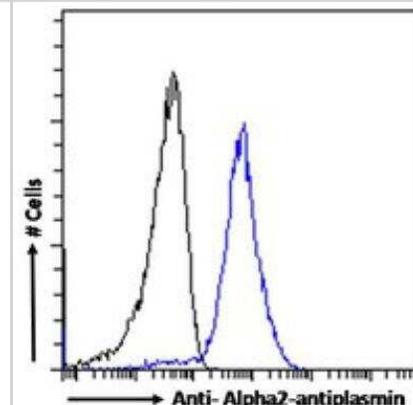
**Immunocytochemistry/Immunofluorescence: Serpin F2/alpha 2-Antiplasmin Antibody [NB100-96916] -** Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic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

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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

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### 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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