

# Product Datasheet

## Serpin E1/PAI-1 Antibody NB100-1498

Unit Size: 0.1 mg

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

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**NB100-1498**

## Serpine E1/PAI-1 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

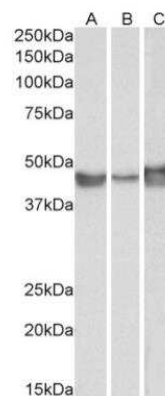
Product Description	
Host	Goat
Gene ID	5054
Gene Symbol	SERPINE1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms.
Immunogen	Peptide with sequence C-GFKIDDKGMAPALRH corresponding to internal region according to NP_000593.1, NP_001158885.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunohistochemistry 4 - 6 ug/mL, Immunohistochemistry-Paraffin 4-6 ug/mL, Peptide ELISA Detection limit 1:64000



## Images

Western Blot: Serpin E1/PAI-1 Antibody [NB100-1498] - Staining of A549 (A), HepG2 (B) and HeLa (C) lysates (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence



Immunohistochemistry-Paraffin: Serpin E1/PAI-1 Antibody [NB100-1498] - Staining of paraffin embedded Human Placenta. Antibody at 4 ug/mL. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



Western Blot: Serpin E1/PAI-1 Antibody [NB100-1498] - Staining of Human Liver lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Wang X, Guo L, Huang J et al. Plasminogen Activator Inhibitor-1 Potentiates Neutrophil Infiltration and Tissue Injury in Colitis International Journal of Biological Sciences 2023-04-18 [PMID: 37151884] (ELISA)

Baumruker T, Csonga R, Pursch E et al. Activation of mast cells by incorporation of cholesterol into rafts. Int Immunol 2003-10-01 [PMID: 13679390]



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### Products Related to NB100-1498

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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
NBP1-19773PEP	Serpin E1/PAI-1 Antibody Blocking Peptide

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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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