

# Product Datasheet

## Serpin E1/PAI-1 Antibody - BSA Free NBP2-13298

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: 3

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**NBP2-13298**

Serpine E1/PAI-1 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

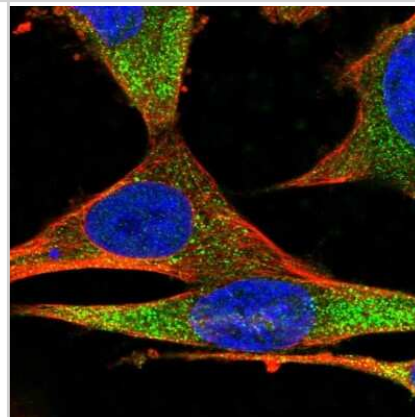
Product Description	
Description	Novus Biologicals Rabbit Serpin E1/PAI-1 Antibody - BSA Free (NBP2-13298) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Serpine E1/PAI-1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5054
Gene Symbol	SERPINE1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (84%).
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: RLFHKSDGSTVSVPMMAQTNKFNYTEFTTPDGHYDILELPYHGDTLSMFIAAP YEKEVPLSALTNILSAQLISHWKGNMTRLRLLVLPKFSLETEVDLRKPLENLGM TDMFRQFQADF

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

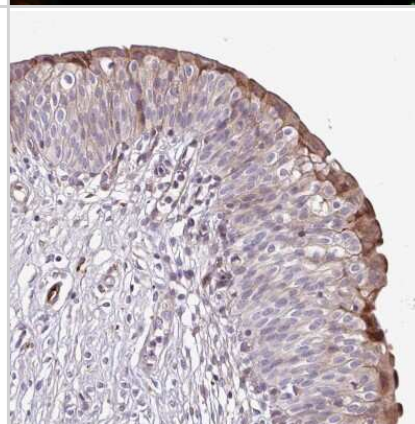


**Images**

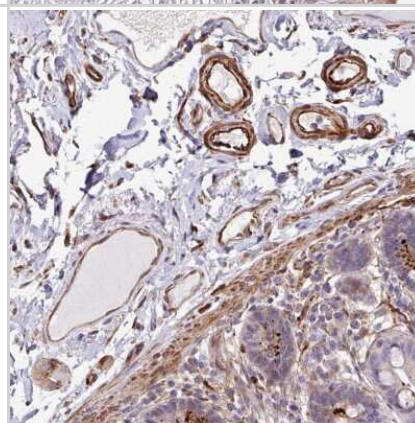
Immunocytochemistry/Immunofluorescence: Serpin E1/PAI-1 Antibody [NBP2-13298] - Immunofluorescent staining of human cell line U-251 MG shows localization to cytosol.



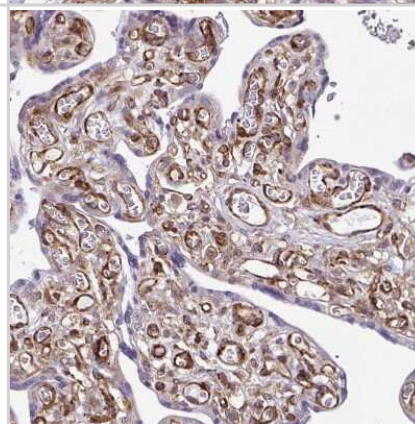
Immunohistochemistry-Paraffin: Serpin E1/PAI-1 Antibody [NBP2-13298] - Staining of human urinary bladder shows moderate cytoplasmic positivity in a subset of urothelial cells.



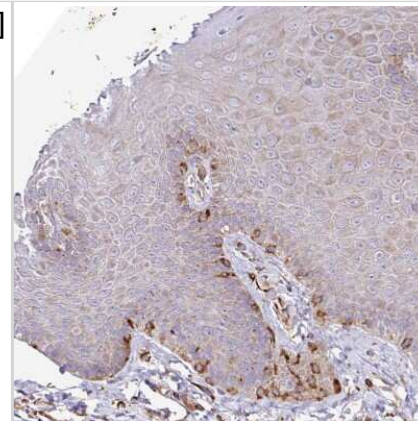
Immunohistochemistry-Paraffin: Serpin E1/PAI-1 Antibody [NBP2-13298] - Staining of human colon shows strong cytoplasmic positivity in endothelial cells.



Immunohistochemistry-Paraffin: Serpin E1/PAI-1 Antibody [NBP2-13298] - Staining of human placenta shows moderate cytoplasmic positivity in endothelial cells.



Immunohistochemistry-Paraffin: Serpin E1/PAI-1 Antibody [NBP2-13298]  
- Staining of human skin shows moderate cytoplasmic positivity in a subset of squamous epithelial cells.



## Publications

Lemaire R, Burwell T, Sun H et al. Resolution of Skin Fibrosis by Neutralization of the Antifibrinolytic Function of Plasminogen Activator Inhibitor 1. *Arthritis Rheumatol* 2016-02-01 [PMID: 26414805]

Rice LM, Padilla CM, McLaughlin SR et al. Fresolimumab treatment decreases biomarkers and improves clinical symptoms in systemic sclerosis patients. *J Clin Invest* 2015-07-01 [PMID: 26098215] (Human)

Zhang G, Gomes-Giacoia E, Dai Y et al. Validation and clinicopathologic associations of a urine-based bladder cancer biomarker signature. *Diagn Pathol* 2014-11-12 [PMID: 25387487] (IF/IHC, Human)



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### **Products Related to NBP2-13298**

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NBP2-13298PEP	Serpin E1/PAI-1 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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### **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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