

# Product Datasheet

## SerpinB2 Antibody - BSA Free

### NBP1-77964

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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Updated 2/21/2025 v.20.1

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**NBP1-77964**

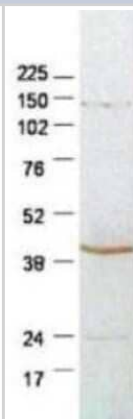
SerpB2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This affinity-purified antibody is directed against human PAI-2 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	5055
Gene Symbol	SERPINB2
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with SerpinB2 proteins from several primates based on 94% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Specificity/Sensitivity	This affinity-purified antibody is directed against human SerpinB2 protein. Reactivity occurs against human SerpinB2 protein.
Immunogen	This affinity purified SerpinB2 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a peptide corresponding to an internal area of human SerpinB2 protein. (Uniprot: P05120)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:100000-150000, Immunohistochemistry 10ug/ml
Application Notes	This affinity purified antibody has been tested for use in ELISA, Immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band 42-46.6 kDa in size corresponding to PAI-2 protein by western blotting in the appropriate cell lysate or extract.

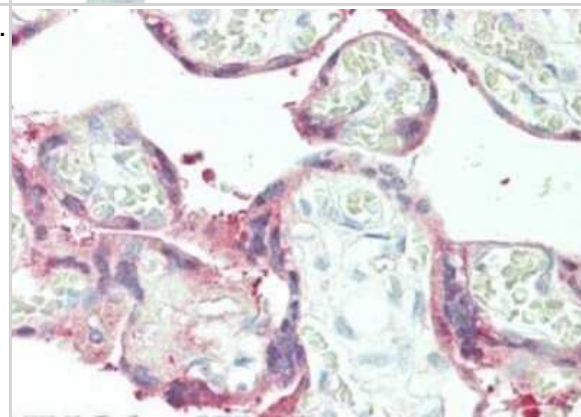


## Images

Western Blot: SerpinB2 Antibody [NBP1-77964] - 2 in 50 ug of HeLa whole cell lysates. The band at ~42 kDa (arrowhead) corresponds to SerpinB2 . Faint non-specific bands are also noted at lower and higher molecular weights positions. Primary antibody was used at a 1:500 dilution in 5% BLOTTO in PBS reacted overnight at 4C. The membrane was washed and reacted with a 1:5,000 dilution of HRP- conjugated Gt-a-Rabbit IgG for 45 min at room temperature with ECL used for detection. Molecular weight estimation was made by comparison to prestained MW markers.



Immunohistochemistry: SerpinB2 Antibody [NBP1-77964] - Tissue: heart. Fixation: formalin fixed paraffin embedded. Primary antibody: Anti-Plasminogen Activator 2 at 10 ug/mL for 1 h at RT. Staining: Plasminogen Activator II as precipitated red signal with hematoxylin purple nuclear counterstain.





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### **Products Related to NBP1-77964**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35202-100ug	Recombinant Human SerpinB2 Protein

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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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