

anti-Human SerpinB2 Polyclonal Antibody | anti-SERPINB2 antibody

Anti-SerpinB2 Antibody

CATALOG # AAA46319	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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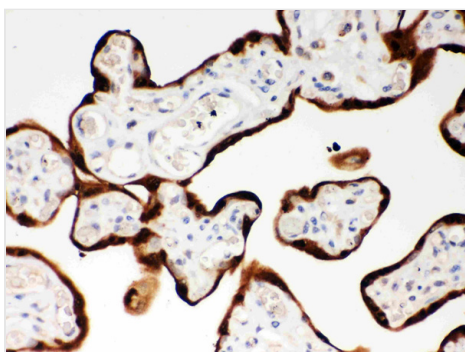
PRODUCT SYNONYMS

SerpinB2; Polyclonal Antibody; Anti-SerpinB2 Antibody; Plasminogen activator inhibitor 2; HsT1201; Monocyte Arg serpin; Monocyte Arg-serpin; Monocyte Arginine-serpin; Monocyte-derived plasminogen activator inhibitor; PAI; PAI-2; PAI2; PAI2_HUMAN; Placental plasminogen activator inhibitor; PLANH2; plasminogen activator inhibitor; type 2; type II (arginine-serpin); serine (or cysteine) proteinase inhibitor; clade B (ovalbumin); member 2; Serpin B2; serpin peptidase inhibitor; Serpinb2; Urokinase inhibitor; anti-SERPINB2 antibody

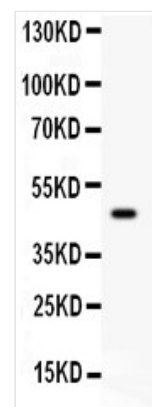
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	415
Applicable Applications for anti-SERPINB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human SerpinB2 recombinant protein (Position: M1-K180). Human SerpinB2 shares 70% and 66% amino acid (aa) sequence identity with mouse and rat SerpinB2, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti- SerpinB2 Picoband antibody, AAA46319,IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)
Anti- SerpinB2 Picoband antibody, AAA46319, Western blottingAll lanes: Anti SerpinB2 (AAA46319) at 0.5ug/mlWB: Human Placenta Tissue Lysate at 50ugPredicted bind size: 47KDObserved bind size: 47KD

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB2 antibody	Description: Rabbit IgG polyclonal antibody for Plasminogen activator inhibitor 2(SERPINB2) detection. Tested with WB, IHC-P in Human. Background: SERPINB2 is also known as PAI or PAI2. Plasminogen activator inhibitor-2 (placental PAI) is a coagulation factor that inactivates tPA and urokinase. It is present in most cells, especially monocytes/macrophages. PAI-2 exists in two forms, a 60-kDa extracellular glycosylated form and a 43-kDa intracellular form. It is present only at detectable quantities in blood during pregnancy, as it is produced by the placenta, and may explain partially the increased rate of thrombosis during pregnancy. The majority of expressed PAI-2 remains unsecreted due to the presence of an inefficient internal signal peptide.
References	1. Corsetti JP, et al. Plasminogen activator inhibitor-2 polymorphism associates with recurrent coronary event risk in patients with high HDL and C-reactive protein levels. PLoS One, 2013. 2. Huang Z, et al. SERPINB2 down-regulation contributes to chemoresistance in head and neck cancer. Mol Carcinog, 2014 Oct. 3. Jin Y, et al. Expression of plasminogen activator inhibitor-2 is negatively associated with invasive potential in hepatocellular carcinoma cells. Chin Med Sci J, 2013 Mar. 4. Zhou L, et al. Low expression of PAI-2 as a novel marker of portal vein tumor thrombosis and poor prognosis in hepatocellular carcinoma. World J Surg, 2013 Mar.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219689110
NCBI GeneID	5055
NCBI Accession #	NP_001137290.1
NCBI GenBank Nucleotide #	NM_001143818.1
UniProt Accession #	P05120; Q96E96
Molecular Weight	46,596 Da
NCBI Official Full Name	plasminogen activator inhibitor 2
NCBI Official Synonym Full Names	serpin family B member 2
NCBI Official Symbol	SERPINB2
NCBI Official Synonym Symbols	PAI; PAI2; PAI-2; PLANH2; HsT1201
NCBI Protein Information	plasminogen activator inhibitor 2
UniProt Protein Name	Plasminogen activator inhibitor 2
UniProt Gene Name	SERPINB2
UniProt Synonym Gene Names	PAI2; PLANH2; PAI-2
UniProt Entry Name	PAI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpinb2-antibody-immunohistochemistry-western-blot-elisa/46319>