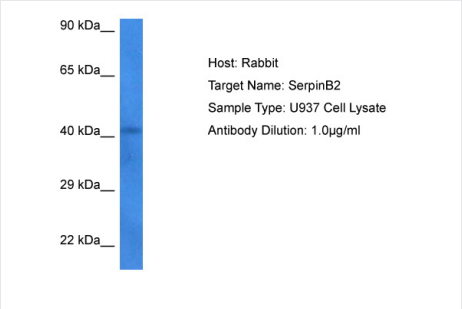
SERPINB2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SERPINB2, Polyclonal Antibody
Full Product Name	SERPINB2 Antibody - middle region
Product Gene Name	anti-SERPINB2 antibody
Product Synonym Gene Name	PAI; PAI2; PAI-2; PLANH2; HsT1201
Immunogen Sequence	Synthetic peptide located within the following region: EVYIPQFKLE EHYELRSILR SMGMEDAFNK GRANFSGMSE RNDLFLSEVF
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	SERPINB2 peptide (MBS3244690) is used for blocking the activity of SERPINB2 antibody (MBS3219829)
Molecular Weight	46 kDa
OMIM	173390
3D Structure	ModBase 3D Structure for P05120
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SERPINB2
Product Categories/Family for anti-SERPINB2 antibody	Polyclonal; Cell Biology; Signal Transduction
Applications Tested/Suitable for anti-SERPINB2 antibody	Western Blot (WB)
Related Product Information for anti-SERPINB2 antibody	MBS3219829 is an antibody targeting SERPINB2. Also known as SERPINB2 Antibody - middle region. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-SERPINB2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-SERPINB2 antibody
Host: RabbitTarget Name: SERPINB2Sample Tissue: Human U937 Whole Cell lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SERPINB2. It may not necessarily be applicable to this product.

NCBI GI #	219689110
NCBI GeneID	5055
NCBI Accession #	NP_001137290.1
UniProt Primary Accession #	P05120
UniProt Related Accession #	P05120
GenBank Nucleotide #	NM_001143818.1
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
UniProt Protein Name	Plasminogen activator inhibitor 2
UniProt Synonym Protein Names	Monocyte Arg-serpin; Placental plasminogen activator inhibitor; Serpin B2; Urokinase inhibitor
Protein Family	Plasminogen activator inhibitor
UniProt Gene Name	SERPINB2
UniProt Synonym Gene Names	PAI2; PLANH2; PAI-2
UniProt Entry Name	PAI2_HUMAN
NCBI Protein Information	plasminogen activator inhibitor 2
UniProt Comments for SERPINB2	SERPINB2: Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell- derived PAI-1. Belongs to the serpin family. Ov-serpin subfamily. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 18q21.3 Cellular Component: extracellular space; cytoplasm; extracellular region; plasma membrane Molecular Function: serine-type endopeptidase inhibitor activity Biological Process: fibrinolysis; blood coagulation; negative regulation of apoptosis
Research Articles on SERPINB2	**1.** miR-15a was identified as a downregulated miRNA in CCFs. Moreover, PAI-2 was identified as a novel target gene of miR-15a.

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