

Rabbit SERPINE2 Polyclonal Antibody | anti-SERPINE2 antibody

SERPINE2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326981	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

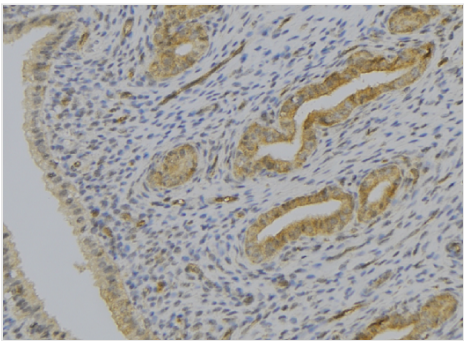
PRODUCT SYNONYMS

SERPINE2; Polyclonal Antibody; SERPINE2 Antibody; GDN; GDN_HUMAN; GDNPF; Glia derived nexin; Glia-derived nexin; Glial derived neurite promoting factor; P17; Peptidase inhibitor 7; Pi-7; Plasminogen activator inhibitor type 1; member 2; PN-1; PN1; PNI; Protease inhibitor 7; Protease nexin 1; Protease nexin I; Serpin E2; Serpin family E member 2; Serpin peptidase inhibitor; clade E (nexin; plasminogen activator inhibitor type 1); SERPINE 2; Serpine2; anti-SERPINE2 antibody

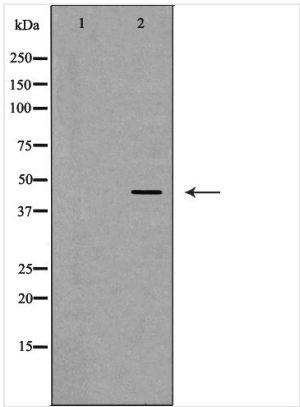
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SERPINE2 antibody detects endogenous levels of total SERPINE2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	397
Applicable Applications for anti-SERPINE2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SERPINE2
Subcellular Location	Secreted > Extracellular Space.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (83%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326981 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using SERPINE2 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINE2 antibody	Description: This gene encodes a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. Thrombin, urokinase, plasmin and trypsin are among the proteases that this family member can inhibit. This gene is a susceptibility gene for chronic obstructive pulmonary disease and for emphysema. Alternative splicing results in multiple transcript variants. Function: Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin. Similarity: Belongs to the serpin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	211904152
NCBI GeneID	5270
NCBI Accession #	NP_001130000.1
NCBI GenBank Nucleotide #	NM_001136528.1
UniProt Accession #	P07093; Q53S15; Q5D0C4; B2R6A4; B4DIF2
Molecular Weight	Observed: 44 kDa Predicted: 45 kDa
NCBI Official Full Name	glia-derived nexin isoform b
NCBI Official Synonym Full Names	serpin family E member 2
NCBI Official Symbol	SERPINE2
NCBI Official Synonym Symbols	GDN; PI7; PN1; PNI; PI-7; PN-1; GDNPF
NCBI Protein Information	glia-derived nexin
UniProt Protein Name	Glia-derived nexin
UniProt Gene Name	SERPINE2
UniProt Synonym Gene Names	PI7; PN1; GDN; PI-7; PN-1

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.