

Goat SERPINE1 / PAI-1 Polyclonal Antibody | anti-SERPINE1 antibody

Goat Polyclonal to Human SERPINE1 / PAI-1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52223	Goat	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

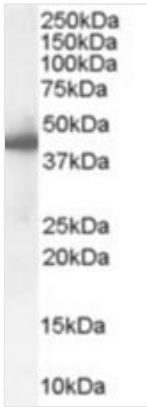
PRODUCT SYNONYMS

SERPINE1 / PAI-1; Polyclonal Antibody; Goat Polyclonal to Human SERPINE1 / PAI-1; Anti-SERPINE1 / PAI-1 Antibody (Internal) IHC-plus; SERPINE1; PAI1; PLANH1; PAI-1; Serpin E1; Human SERPINE1; anti-SERPINE1 antibody

PRODUCT SPECIFICATIONS

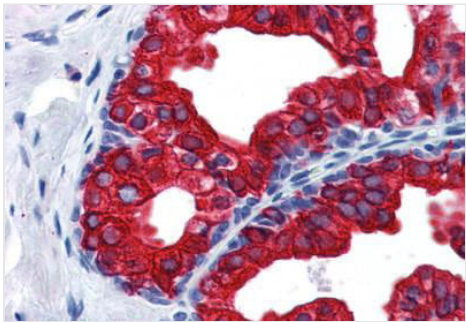
Host	Goat
Reactivity	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SERPINE1 / PAI-1. This antibody is expected to recognise both reported isoforms.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	402
Applicable Applications for anti-SERPINE1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-GFKIDDKGMAPALRH from an internal region of human SERPINE1 / PAI-1 (NP_000593.1; NP_001158885.1). Percent identity by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon, Marmoset (93%); Elephant, Horse (80%).
Immunogen Type	Synthetic peptide
Immunogen	SERPINE1 / PAI-1 antibody was raised against synthetic peptide C-GFKIDDKGMAPALRH from an internal region of human SERPINE1 / PAI-1 (NP_000593.1; NP_001158885.1). Percent identity by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon, Marmoset (93%); Elephant, Horse (80%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



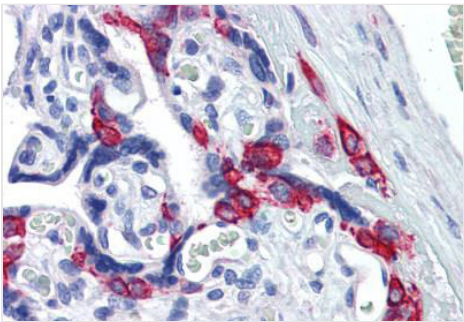
WB (Western Blot)

0.1 ug/ml) staining of Human Liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-SERPINE1 / PAI-1 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.



IHC (Immunohistochemistry)

Anti-SERPINE1 / PAI-1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SERPINE1 antibody	Family: Serine Protease Inhibitor
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835159
NCBI GeneID	5054
NCBI Accession #	NP_000593.1
NCBI GenBank Nucleotide #	NM_000602.4
UniProt Accession #	P05121; B7Z4S0; F8WD53
Molecular Weight	43,404 Da
NCBI Official Full Name	plasminogen activator inhibitor 1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
NCBI Official Symbol	SERPINE1
NCBI Official Synonym Symbols	PAI; PAI1; PAI-1; PLANH1
NCBI Protein Information	plasminogen activator inhibitor 1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1

UniProt Protein Name	Plasminogen activator inhibitor 1
UniProt Gene Name	SERPINE1
UniProt Synonym Gene Names	PAI1; PLANH1; PAI; PAI-1
UniProt Entry Name	PAI1_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/serpine1-pai-1-antibody-western-blot-immunohistochemistry-elisa/52223>