

Rabbit anti-Rat Serpin E1/PAI-1 Polyclonal Antibody | anti-PAI-1 antibody

Serpin E1/PAI-1 Polyclonal Antibody (Capture/Detector)

CATALOG # AAA179721	HOST Rabbit	REACTIVITY Rat	APPLICATIONS ELISA, Western Blot
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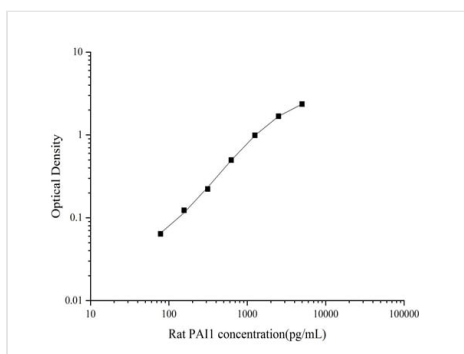
PRODUCT SYNONYMS

Serpin E1/PAI-1; Polyclonal Antibody; Serpin E1/PAI-1 Polyclonal Antibody (Capture/Detector); PLasminogen activator inhibitor 1; PAI-1; Endothelial pLasminogen activator inhibitor; Serpin E1; SERPINE1; PLANH1; anti-PAI-1 antibody

PRODUCT SPECIFICATIONS

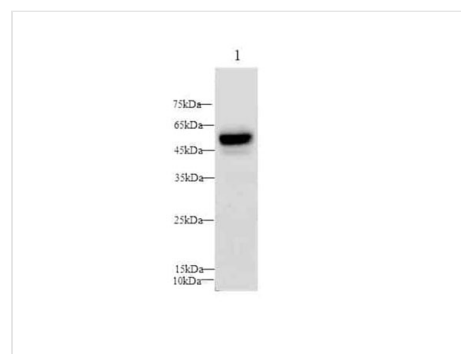
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PAI-1 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant Rat Serpin E1/PAI-1 protein expressed by Mammalian
Preparation and Storage	Store at 4 degree C valid for 12 months or -20 degree C valid for long term storage, avoid freeze/thaw cycles.

IMAGES



ELISA

Sandwich ELISA-Recombinant Rat Serpin E1/PAI-1 protein standard curve. Background subtracted standard curve using Serpin E1/PAI-1 antibody(AAA179721)(Capture), Serpin E1/PAI-1 antibody(AAA179721)(Detector) in sandwich ELISA. The reference range value for Recombinant Rat Serpin E1/PAI-1 protein is 78.13-5000 pg/mL.



WB (Western Blot)

Western Blot with Serpin E1/PAI-1 Polyclonal Antibody at dilution of 1:500. Lane 1: Rat placenta

ADDITIONAL INFORMATION

Related Product Information for anti-PAI-1 antibody	Serine protease inhibitor. Inhibits TMPRSS7. Is a primary inhibitor of tissue-type plasminogen activator (PIAT) and urokinase-type plasminogen activator (PIAU). As PIAT inhibitor, it is required for fibrinolysis down-regulation and is responsible for the controlled degradation of blood clots. As PIAU inhibitor, it is involved in the regulation of cell adhesion and spreading.Acts as a regulator of cell migration, independently of its role as protease inhibitor. It is required for stimulation of keratinocyte migration during cutaneous injury repair. It is involved in cellular and replicative senescence. Plays a role in alveolar type 2 cells senescence in the lung. Is involved in the regulation of cementogenic differentiation of periodontal ligament stem cells, and regulates odontoblast differentiation and dentin formation during odontogenesis.
Product Categories/Family for anti-PAI-1 antibody	Polyclonal Antibodies ; Primary Antibodies ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981332
NCBI GeneID	24617
NCBI Accession #	NP_036752.1
NCBI GenBank Nucleotide #	NM_012620.1
UniProt Accession #	P20961
Molecular Weight	160,000
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	Pai1; PAI1A; Planh; Pai1aa; RATPAI1A
NCBI Protein Information	plasminogen activator inhibitor 1; PAI; PAI-1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, member 1; serine (or cysteine) peptidase inhibitor, clade E, member 1; serine (or cysteine) proteinase inhibi
UniProt Protein Name	Plasminogen activator inhibitor 1
UniProt Gene Name	Serpine1
UniProt Synonym Gene Names	Pai1; Planh1; PAI; PAI-1
UniProt Entry Name	PAI1_RAT

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/serpin-e1-pai-1-antibody-western-blot-elisa/179721>