

Rabbit PAI 2 Polyclonal Antibody | anti-PAI2 antibody

PAI 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321845	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PAI 2; Polyclonal Antibody; PAI 2 Antibody; HsT1201; Monocyte Arg serpin; Monocyte Arg-serpin; Monocyte Arginine-serpin; Monocyte-derived plasminogen activator inhibitor; PAI; PAI-2; PAI2_HUMAN; Placental plasminogen activator inhibitor; PLANH2; Plasminogen activator inhibitor 2; 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-PAI2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PAI 2 antibody detects endogenous levels of total PAI 2
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	415
Applicable Applications for anti-PAI2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PAI 2, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from various samples, using PAI 2 Antibody. Lane 1: HeLa treated with blocking peptide. Lane 2: HeLa. Lane 3: HepG2.



IHC (Immunohistochemistry)

at 1/100 staining Rat kidney 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

staining Hela by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PAI2 antibody	Function: Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.
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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 kDa
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

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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