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Anti-PAI2 Antibody

Catalog # AP59650

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P05120
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46596

Additional Information

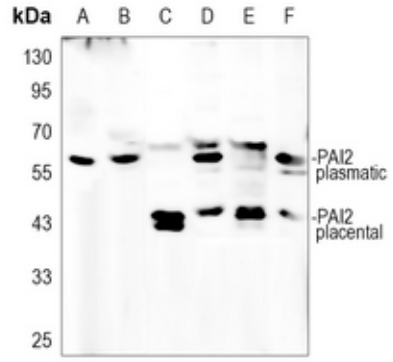
Gene ID	5055
Other Names	PAI2; PLANH2; Plasminogen activator inhibitor 2; PAI-2; Monocyte Arg-serpin; Placental plasminogen activator inhibitor; Serpin B2; Urokinase inhibitor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PAI2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

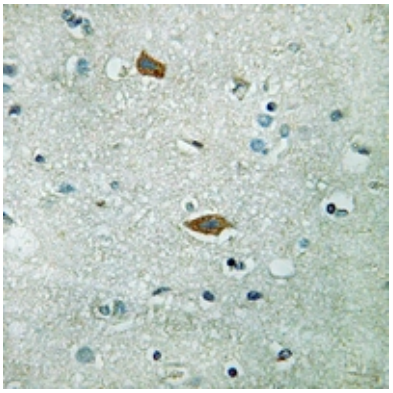
Name	SERPINB2
Synonyms	PAI2, PLANH2
Function	Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.
Cellular Location	Cytoplasm. Secreted, extracellular space.

Images

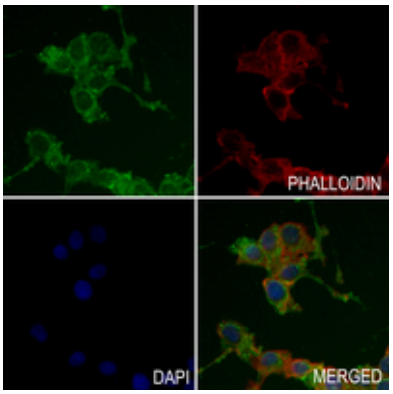
Western blot analysis of PAI2 expression in Hela (A), A2780 (B), mouse kidney (C), mouse muscle (D), rat kidney (E), rat muscle (F) whole cell lysates. (Predicted



band size: 46 kD; Observed band size: 46, 60 kD)



Immunohistochemical analysis of PAI2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of PAI2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.