10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PAI2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6562c

Product Information

Application	WB, IHC-P, E
Primary Accession	P05120
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19097
Calculated MW	46596
Antigen Region	116-144

Additional Information

Gene ID	5055
Other Names	Plasminogen activator inhibitor 2, PAI-2, Monocyte Arg-serpin, Placental plasminogen activator inhibitor, Serpin B2, Urokinase inhibitor, SERPINB2, PAI2, PLANH2
Target/Specificity	This PAI2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-144 amino acids from the Central region of human PAI2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PAI2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

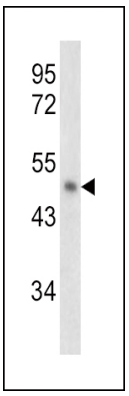
Background

PAI2 inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.

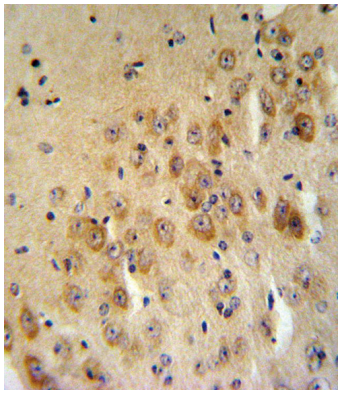
References

Di Bernardo,M.C., Lung Cancer 65 (2), 237-241 (2009)
Almeida-Vega,S., Am. J. Physiol. Gastrointest. Liver Physiol. 296 (2), G414-G423 (2009)

Images



Western blot analysis of PAI2 antibody (Center) (Cat. #AP6562c) in NCI-H460 cell line lysates (35ug/lane). PAI2 (arrow) was detected using the purified Pab.



PAI2 Antibody (Center) (Cat. #AP6562c) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PAI2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Glycogen synthase kinase-3β inhibition augments diabetic endothelial progenitor cell abundance and functionality via cathepsin B: a novel therapeutic opportunity for arterial repair.

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