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

Specification

PAI2 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P05120
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**116-144**

PAI2 Antibody (Center) - 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~~1:10~50

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.

PAI2 Antibody (Center) - Protein Information

Name SERPINB2

Synonyms PAI2, PLANH2

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

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

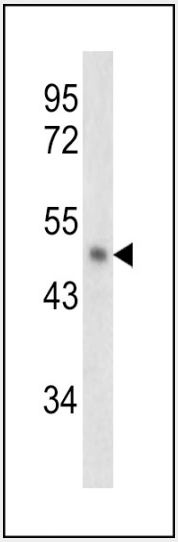
Cellular Location
Cytoplasm. Secreted, extracellular space.

PAI2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

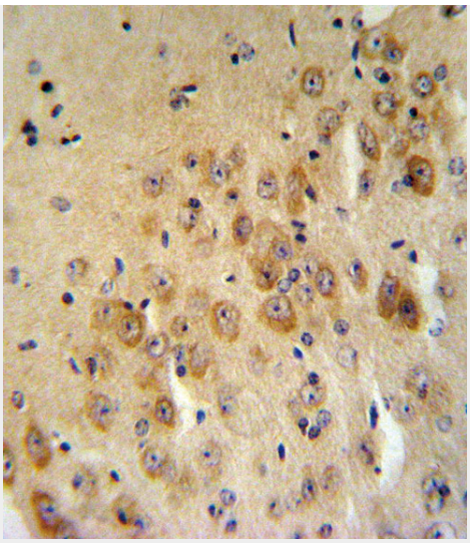
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PAI2 Antibody (Center) - 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.

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



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.

PAI2 Antibody (Center) - Background

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

PAI2 Antibody (Center) - 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)

PAI2 Antibody (Center) - Citations

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