

**PAI2 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6562c**

**Specification**

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**PAI2 Antibody (Center) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">P05120</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>116-144</b>

**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

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

**Cellular Location**

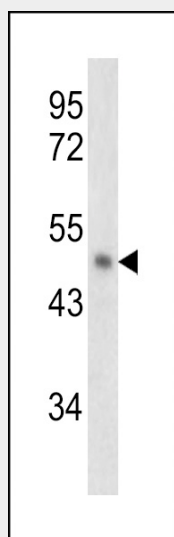
Cytoplasm. Secreted, extracellular space.

**PAI2 Antibody (Center) - Protocols**

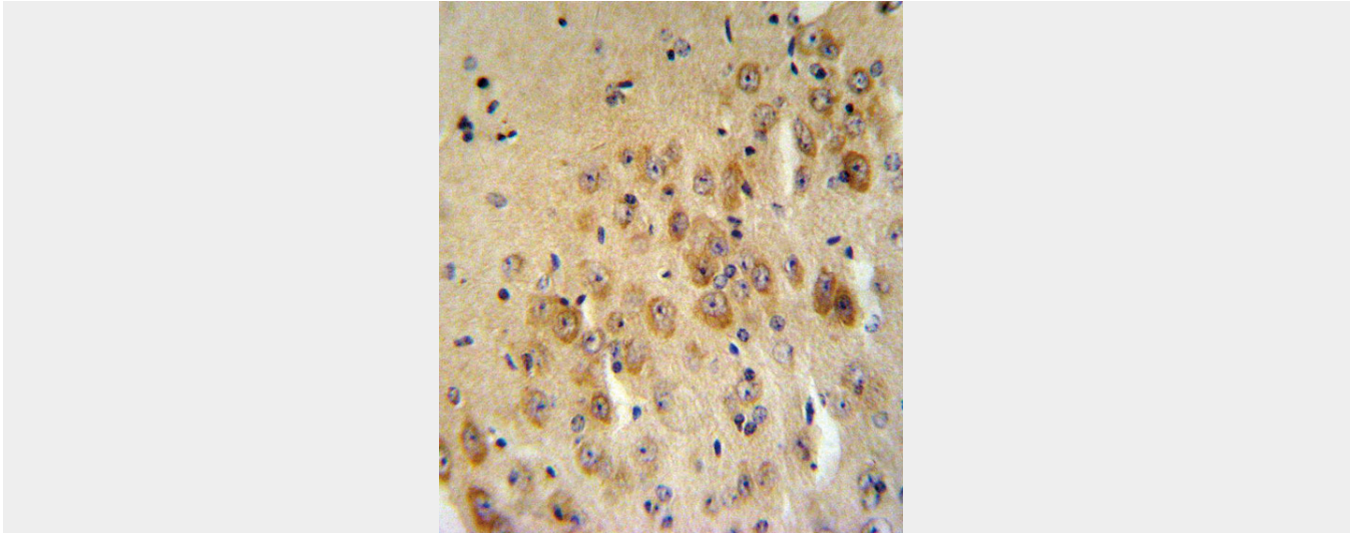
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.



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-3 \$\beta\$  inhibition augments diabetic endothelial progenitor cell abundance and functionality via cathepsin B: a novel therapeutic opportunity for arterial repair.](#)