
Product Name: PAI-3 Rabbit Polyclonal Antibody**Catalog #: APRab15702**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	42kDa

Antigen Information

Gene Name	SERPINA5
Alternative Names	SERPINA5; PCI; PLANH3; Plasma serine protease inhibitor; Acrosomal serine protease inhibitor; Plasminogen activator inhibitor 3; PAI-3; PAI3; Protein C inhibitor; PCI; Serpin A5
Gene ID	155698.0
SwissProt ID	P05154
Immunogen	The antiserum was produced against synthesized peptide derived from human Serpin A5. AA range:260-309

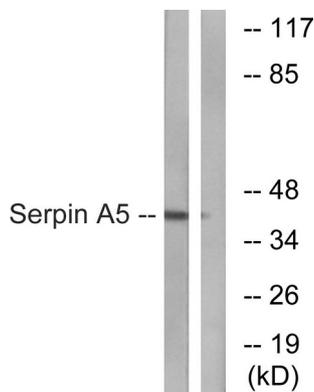
Background

The protein encoded by this gene is a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. This gene is one in a cluster of serpin genes located on the q arm of chromosome 14. This family member is a glycoprotein that can inhibit several serine proteases, including protein C and various plasminogen activators and kallikreins, and it thus plays diverse roles in hemostasis and thrombosis in multiple organs. [provided by RefSeq, Aug 2012],function:Inhibits activated protein C as well as plasminogen activators.,similarity:Belongs to the serpin family.,tissue specificity:Expressed by the liver and secreted in plasma.,

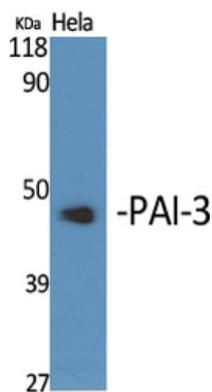
Research Area

Complement and coagulation cascades;

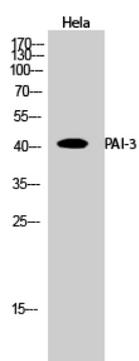
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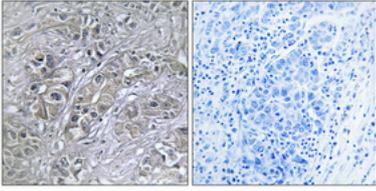
Western blot analysis of lysates from Jurkat cells, using Serpin A5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PAI-3 Polyclonal Antibody



Western Blot analysis of HeLa cells using PAI-3 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.