

Rabbit SERPINA5 Polyclonal Antibody | anti-SERPINA5 antibody

Anti-SERPINA5 Antibody

CATALOG # AAA46736	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SERPINA5; Polyclonal Antibody; Anti-SERPINA5 Antibody; IPSP; PAI3; PAI-3; PAI 3; PCI; PCI-B; PLANH 3; PLANH3; PROCI; Protein C inhibitor; Serpin A5; Serpina5; P05154; Plasma serine protease inhibitor; serpin family A member 5; anti-SERPINA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	406
Applicable Applications for anti-SERPINA5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E Coli-derived human SERPINA5 recombinant protein (Position: S86-P406). Human SERPINA5 shares 66% amino acid (aa) sequence identity with mouse SERPINA5.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemisry)

SERPINA5 was detected in paraffin-embedded sections of rat kidney tissues using rabbit anti-SERPINA5 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohiostchemistry)

SERPINA5 was detected in paraffin-embedded sections of mouse kidney tissues using rabbit anti-SERPINA5 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of SERPINA5 expression in rat liver extract (lane 1) and SKOV3 whole cell lysates (lane 2). SERPINA5 at 46KD was detected using rabbit anti- SERPINA5 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA5 antibody	Rabbit IgG polyclonal antibody for Plasma serine protease inhibitor(SERPINA5) detection. Background: Protein C inhibitor (PCI), also known as SERPINA5, is serine protease inhibitor of serpin type that is found in most tissues and fluids, including blood plasma, seminal plasma and urine of human. It is a 52kD glycoprotein and belongs to serine protease inhibitor (Serp) super family of protein. 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. This gene is mapped on the q arm of chromosome 14.
References	1. Laurell M, Christensson A, Abrahamsson PA, Stenflo J, Lilja H (April 1992). "Protein C inhibitor in human body fluids. Seminal plasma is rich in inhibitor antigen deriving from cells throughout the male reproductive system". The Journal of Clinical Investigation. 89 (4): 1094-101. 2. Pratt CW, Church FC (May 1992). "Heparin binding to protein C inhibitor" (PDF). The Journal of Biological Chemistry. 267 (13): 8789-94. 3. Suzuki K, Nishioka J, Hashimoto S (1983). "Protein C inhibitor. Purification from human plasma and characterization". The Journal of Biological Chemistry. 258 (1): 163-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194018472
NCBI GeneID	5104
NCBI Accession #	NP_000615.3
NCBI GenBank Nucleotide #	NM_000624.5
UniProt Accession #	P05154 ; Q07616 ; Q9UG30
Molecular Weight	45,675 Da
NCBI Official Full Name	plasma serine protease inhibitor preproprotein
NCBI Official Synonym Full Names	serpin family A member 5
NCBI Official Symbol	SERPINA5
NCBI Official Synonym Symbols	PCI; PAI3; PAI-3; PCI-B; PROCI; PLANH3
NCBI Protein Information	plasma serine protease inhibitor
UniProt Protein Name	Plasma serine protease inhibitor
UniProt Gene Name	SERPINA5
UniProt Synonym Gene Names	PCI; PLANH3; PROCI; PAI-3; PAI3; PCI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpina5-antibody-immunohistochemistry-western-blot-elisa/46736>