

Rabbit Serpin A1 Polyclonal Antibody | anti-SerpinA1 antibody

Serpin A1 Polyclonal Antibody

CATALOG # AAA178655	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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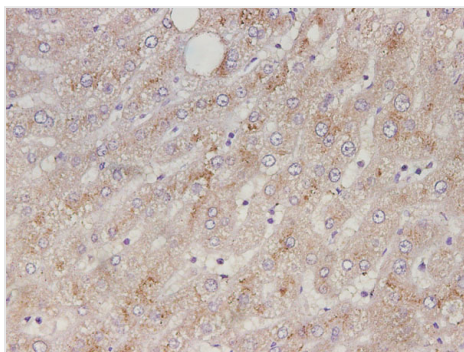
PRODUCT SYNONYMS

Serpin A1; Polyclonal Antibody; Serpin A1 Polyclonal Antibody; alpha 1 Antitrypsin; Serpina1; Alpha-1-antiproteinase; anti-SerpinA1 antibody

PRODUCT SPECIFICATIONS

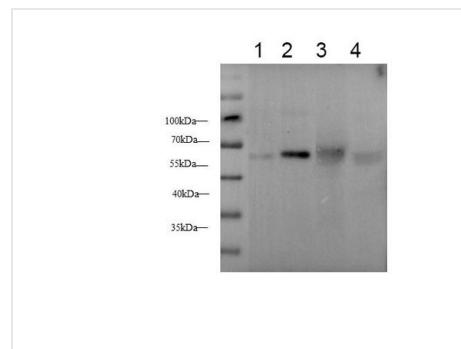
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.4
Concentration	6.9mg/mL (varies by lot)
Applicable Applications for anti-SerpinA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Rat Serpin A1 protein expressed by E coli
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver tissue using Serpin A1 Polyclonal Antibody at dilution of 1:3500 (×400)



WB (Western Blot)

Western blot with anti-alpha 1 Antitrypsin Polyclonal antibody at dilution of 1:200. lane 1: Rat kidney tissue, lane 2: Mouse liver tissue, lane 3: Human plasma, lane 4: HepG2 whole cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SerpinA1 antibody

Serpin A1 is the archetypal member of the Serpin superfamily of the serine protease inhibitors. As one of the most abundant proteinase inhibitors in the circulation, it is synthesized in the liver and secreted into the bloodstream with the major function to protect tissues against neutrophil elastase. A severe Serpin A1 deficiency leads to several clinical complications such as pulmonary emphysema, juvenile hepatitis, cirrhosis, and hepatocellular carcinoma.

Product Categories/Family for anti-SerpinA1 antibody

Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	51036655
NCBI GeneID	24648
NCBI Accession #	NP_071964.2
NCBI GenBank Nucleotide #	NM_022519.2
UniProt Accession #	P17475; Q6AYZ5
Molecular Weight	46,136 Da
NCBI Official Full Name	alpha-1-antiproteinase
NCBI Official Synonym Full Names	serpin family A member 1
NCBI Official Symbol	Serpina1
NCBI Official Synonym Symbols	Pi; AAT; Spi1
NCBI Protein Information	alpha-1-antiproteinase
UniProt Protein Name	Alpha-1-antiproteinase
UniProt Gene Name	Serpina1
UniProt Entry Name	A1AT_RAT

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/serpin-a1-antibody-immunohistochemistry-western-blot-elisa/178655>