

Rabbit anti-Human SERPINA1 Polyclonal Antibody | anti-SERPINA1 antibody

SERPINA1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201648	Rabbit	Human	Western Blot, Immunohistochemistry

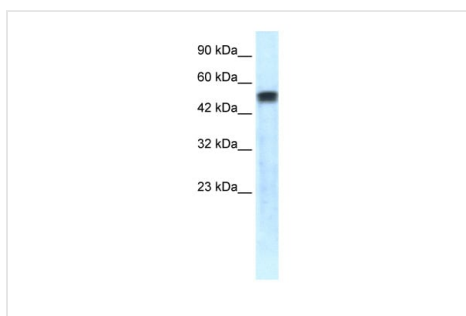
PRODUCT SYNONYMS

SERPINA1; Polyclonal Antibody; SERPINA1 antibody - C-terminal region; anti-SERPINA1 antibody

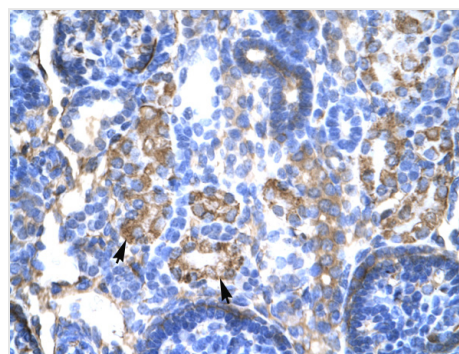
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: TE AAGAMFLEAI PMSIPPEVKF NKPFVFLMIE QNTKSPLFMG KVVNPTQK
Sequence Length	418
Applicable Applications for anti-SERPINA1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SERPINA1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-SERPINA1 Antibody Titration: 1.25ug/mL
 ELISA Titer: 1:12500
 Positive Control: HepG2 cell lysate
 SERPINA1 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells


IHC (Immunohistochemistry)

WB Suggested Anti-SERPINA1 Antibody Titration: 4.0-8.0
 Positive Control: Human kidney lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA1 antibody

This is a rabbit polyclonal antibody against SERPINA1. It was validated on Western Blot and immunohistochemistry

Target Description: Alpha-1-antitrypsin is a protease inhibitor, deficiency of which is associated with emphysema and liver disease. The protein is encoded by a gene (PI) located on the distal long arm of chromosome 14.

Product Categories/Family for anti-SERPINA1 antibody	Polyclonal; Transcription Factor; Signal Proteins; Lymphocyte Signaling; Disease Related; Immunohistochemistry; Hypoxia
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50363217
NCBI GeneID	5265
NCBI Accession #	NP_000286
NCBI GenBank Nucleotide #	NM_000295
UniProt Accession #	P01009
Molecular Weight	46kDa
NCBI Official Full Name	alpha-1-antitrypsin
NCBI Official Synonym Full Names	serpin family A member 1
NCBI Official Symbol	SERPINA1
NCBI Official Synonym Symbols	PI; A1A; AAT; PI1; A1AT; nNIF; PRO2275; alpha1AT
NCBI Protein Information	alpha-1-antitrypsin
UniProt Protein Name	Alpha-1-antitrypsin
UniProt Gene Name	SERPINA1
UniProt Synonym Gene Names	AAT; PI; SPAAT
UniProt Entry Name	A1AT_HUMAN

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://www.aaabiotech.com/polyclonal/serpina1-antibody-western-blot-immunohistochemistry-elisa/201648>