

Rabbit SERPINA1 Polyclonal Antibody | anti-SERPINA1 antibody

SERPINA1 Polyclonal Antibody

CATALOG # AAA37310	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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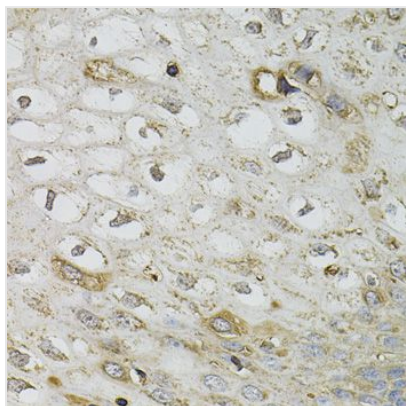
PRODUCT SYNONYMS

SERPINA1; Polyclonal Antibody; SERPINA1 Polyclonal Antibody; A1A; A1AT; AAT; MGC23330; MGC9222; PI; PI1; PRO2275; anti-SERPINA1 antibody

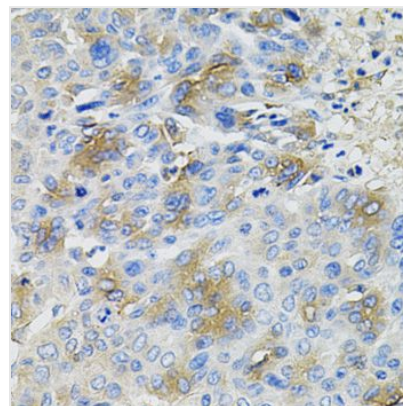
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-SERPINA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SERPINA1
Calculated Molecular Weight	47kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

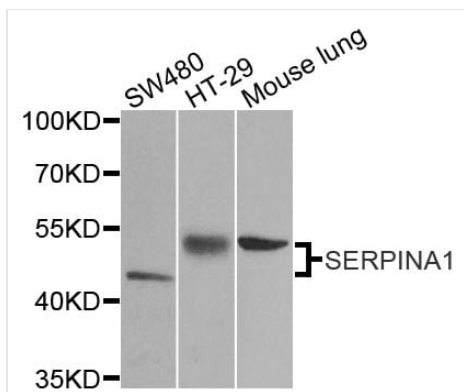
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using SERPINA1 antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using SERPINA1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SERPINA1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA1 antibody	The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-SERPINA1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1703025
NCBI GeneID	5265
UniProt Accession #	P01009; Q0PVP5; Q13672; Q53XB8; Q5U0M1; Q7M4R2; Q86U18; Q86U19; Q96BF9; Q96ES1; A6PX14; B2RDQ8
Molecular Weight	418
NCBI Official Full Name	Alpha-1-antitrypsin
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
NCBI Official Symbol	SERPINA1
NCBI Official Synonym Symbols	PI; A1A; AAT; PI1; A1AT; PRO2275; alpha1AT
NCBI Protein Information	alpha-1-antitrypsin; serpin A1; alpha-1-antiproteinase; alpha-1-antitrypsin null; alpha-1 protease inhibitor; protease inhibitor 1 (anti-elastase), alpha-1-antitrypsin; serine (or cysteine) proteinase inhibitor, clade A, member 1
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://stage.aaabiotech.com/polyclonal/serpina1-antibody-immunohistochemistry-western-blot-elisa/37310>