

Rabbit anti-Human SERPINA4 Polyclonal Antibody | anti-SERPINA4 antibody

SERPINA4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283654	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

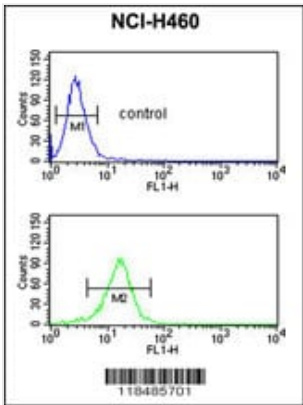
PRODUCT SYNONYMS

SERPINA4; Polyclonal Antibody; SERPINA4 Antibody (C-term); Kallistatin; Kallikrein inhibitor; Peptidase inhibitor 4; PI-4; Serpin A4; KST; PI4; anti-SERPINA4 antibody

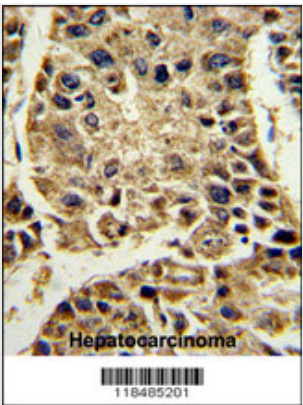
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SERPINA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 291-320 amino acids from the C-terminal region of human SERPINA4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	291-320
Sequence Length	427
Applicable Applications for anti-SERPINA4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

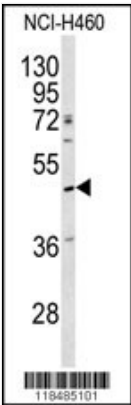
IMAGES



FCM/FACS (Flow Cytometry)
SERPINA4 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with SERPINA4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SERPINA4 antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). SERPINA4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA4 antibody	SERPINA4 inhibits human amidolytic and kininogenase activities of tissue kallikrein. The inhibition is achieved by formation of an equimolar, heat- and SDS-stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein.
Product Categories/Family for anti-SERPINA4 antibody	Cancer; Cardiovascular; Cell biology
References	Chai K.X., Chen L.-M.J. Biol. Chem. 268:24498-24505(1993) Chai K.X., Ward D.C. Genomics 23:370-378(1994) Zhou G.X., Chao L.J. Biol. Chem. 267:25873-25880(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361302
NCBI GeneID	5267
NCBI Accession #	NP_006206.2
NCBI GenBank Nucleotide #	NM_006215.3
UniProt Accession #	P29622; Q53XB5; Q86TR9; Q96BZ5

Molecular Weight	48542
NCBI Official Full Name	kallistatin isoform 2
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4
NCBI Official Symbol	SERPINA4
NCBI Official Synonym Symbols	KAL; KST; PI4; KLST; PI-4; kallistatin
NCBI Protein Information	kallistatin
UniProt Protein Name	Kallistatin
UniProt Gene Name	SERPINA4
UniProt Synonym Gene Names	KST; PI4; PI-4
UniProt Entry Name	KAIN_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpina4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283654>