

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

Anti-Kallistatin antibody

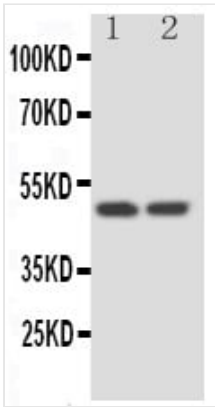
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45098	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

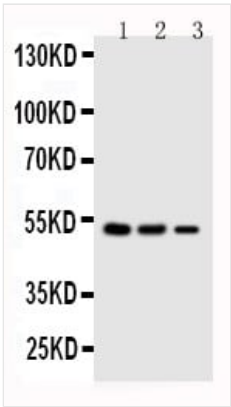
Kallistatin; Polyclonal Antibody; Anti-Kallistatin antibody; serpin peptidase inhibitor; clade A(alpha-1 antiproteinase; antitrypsin); member 4; KAIN_HUMAN antibody; KAL antibody; Kallikrein binding protein antibody; Kallikrein inhibitor antibody; Kallistatin antibody; KBP antibody; KLST antibody; KST antibody; MGC108582 antibody; Peptidase inhibitor 4 antibody; PI-4 antibody; PI4 antibody; Protease inhibitor 4(kallistatin) antibody; Protease inhibitor 4 antibody; Serine(or cysteine) proteinase inhibitor; clade A(alpha 1 antiproteinase; member 4 antibody; Serpin A4 antibody; Serpin peptidase inhibitor clade A member 4 antibody; Serpin peptidase inhibitor; SERPINA4 antibody; anti-SERPINA4 antibody

PRODUCT SPECIFICATIONS

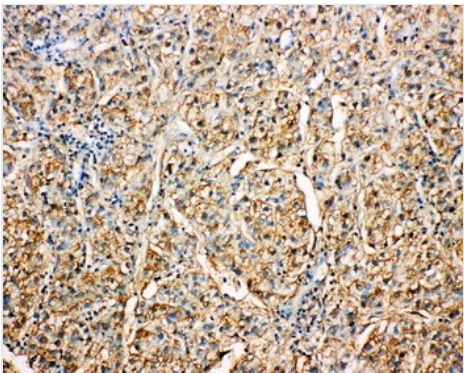
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	427
Applicable Applications for anti-SERPINA4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Kallistatin (384-401aa AIKFFSAQTNRHILRFNR).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	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.



WB (Western Blot)
Anti-Kallistatin antibody, AAA45098, Western blottingLane 1: HELa Cell LysateLane 2: SKOV Cell Lysate



WB (Western Blot)
Anti-Kallistatin antibody, AAA45098, Western blottingLane 1: SMMC Cell LysateLane 2: COLO320 Cell LysateLane 3: JURKAT Cell Lysate



IHC (Immunohistochemistry)
Anti-Kallistatin antibody, AAA45098, IHC(P)IHC(P): Human Liver Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA4 antibody

Description: Rabbit IgG polyclonal antibody for Kallistatin(SERPINA4) detection. Tested with WB, IHC-P in Human.

Background: Serpina 4, also called Kallistatin, PI4 or TISSUE KALLIKREIN INHIBITOR, is a protein that in humans is encoded by the SERPINA4 gene. The serpina4 is a member of the serpin superfamily and represents a major inhibitor of human tissue kallikrein in the circulation. The SERPINA4 gene is localized to 14q32.13. The translated amino acid sequence of serpina4 matches the protein sequence and shares 44 to 46% sequence identity with other serpin family members. Kallistatin is a serine proteinase inhibitor(serpin) and a heparin-binding protein. It is localized in vascular smooth muscle cells and endothelial cells of blood vessels, suggesting that it may be involved in the regulation of vascular function. And serpina4 also plays a role in neointima hyperplasia.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68067608
NCBI GeneID	5267
UniProt Accession #	P29622; Q53XB5; Q86TR9; Q96BZ5
Molecular Weight	48,542 Da
NCBI Official Full Name	Kallistatin
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; serpin A4; kallikrein inhibitor; peptidase inhibitor 4; protease inhibitor 4 (kallistatin); serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kallistatin-antibody-immunohistochemistry-western-blot-elisa/45098>