

Rabbit anti-Human SERPING1 Polyclonal Antibody | anti-SERPING1 antibody

SERPING1 Antibody

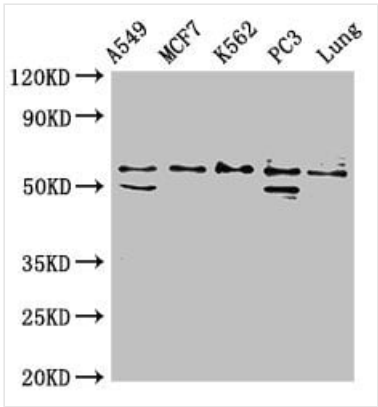
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232664	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

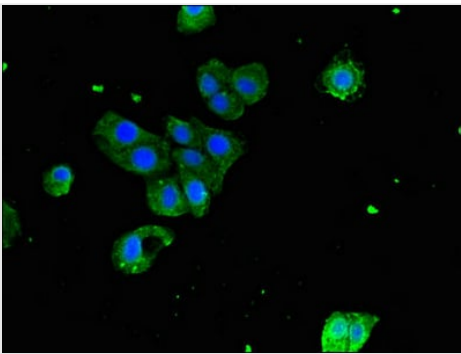
SERPING1; Polyclonal Antibody; SERPING1 Antibody; Plasma protease C1 inhibitor; C1 Inh; C1Inh; C1 esterase inhibitor; C1-inhibiting factor; Serpin G1; C1IN; C1NH; anti-SERPING1 antibody

PRODUCT SPECIFICATIONS

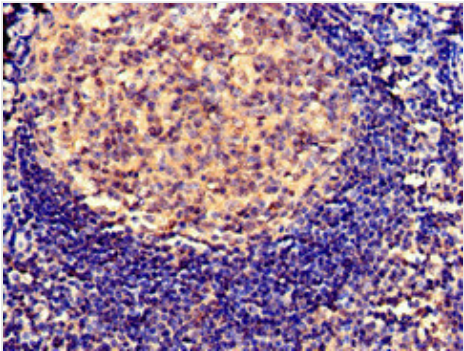
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	500
Applicable Applications for anti-SERPING1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Plasma protease C1 inhibitor protein (23-300AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46297 / sc-46298 / sc-67150
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



WB (Western Blot)
Western BlotPositive WB detected in: A549 whole cell lysate,MCF-7 whole cell lysate,K562 whole cell lysate,PC3 whole cell lysate,Rat lung tissueAll lanes: SERPING1 antibody at 2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 56,50 KDaObserved band size: 56 KDa



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA232664 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA232664 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SERPING1 antibody	Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73858568
NCBI GeneID	710
NCBI Accession #	NP_000053.2
NCBI GenBank Nucleotide #	NM_000062.2
UniProt Accession #	P05155; Q16304; Q547W3; Q59EI5; Q7Z455; Q96FE0; Q9UC49; A6NMU0; A8KAI9; B2R6L5; B4E1F0; B4E1H2
Molecular Weight	55,769 Da
NCBI Official Full Name	plasma protease C1 inhibitor
NCBI Official Synonym Full Names	serpin family G member 1
NCBI Official Symbol	SERPING1

NCBI Official Synonym Symbols	C1IN; C1NH; HAE1; HAE2; C1INH
NCBI Protein Information	plasma protease C1 inhibitor
UniProt Protein Name	Plasma protease C1 inhibitor
UniProt Gene Name	SERPING1
UniProt Synonym Gene Names	C1IN; C1NH; C1 Inh; C1Inh
UniProt Entry Name	IC1_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/serping1-antibody-immunofluorescence-immunohistochemistry-elisa/232664>