

Rabbit anti-Human alpha 1 Antichymotrypsin Polyclonal Antibody | anti-SERPINA3 antibody

Anti-alpha 1 Antichymotrypsin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45730	Rabbit	Human	Immunohistochemistry, Western Blot

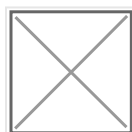
PRODUCT SYNONYMS

alpha 1 Antichymotrypsin; Polyclonal Antibody; Anti-alpha 1 Antichymotrypsin antibody; Alpha-1-antichymotrypsin; serpin peptidase inhibitor; clade A(alpha-1 antiproteinase; antitrypsin); member 3; SERPINA3 antibody; AACT antibody; AACT_HUMAN antibody; ACT antibody; Alpha 1 Antichymotrypsin 1 antibody; Alpha 1 Antichymotrypsin 2 antibody; Alpha 1 Antichymotrypsin 3 antibody; Alpha 1 Antitrypsin Deficiency antibody; Alpha-1-antichymotrypsin His-Pro-less antibody; Anti Elastase antibody; Antichymotrypsin antibody; Cell growth inhibiting gene 24/25 protein antibody; Cell growth-inhibiting gene 24/25 protein antibody; Clade A(Alpha 1 Antiproteinase Antitrypsin) antibody; GIG24 antibody; GIG25 antibody; Growth inhibiting protein 24 antibody; Growth inhibiting protein 25 antibody; MGC88254 antibody; PI1 antibody; Protease Inhibitor 1 antibody; Serine(or Cysteine) Proteinase Inhibitor antibody; Serine(or cysteine) proteinase inhibitor clade A(alpha 1 antiproteinase; antitrypsin) member 3 antibody; Serine(or cysteine) proteinase inhibitor clade A member 3 antibody; Serine proteinase inhibitor clade A member 3 antibody; Serpin A3 antibody; Serpin peptidase inhibitor clade A(alpha 1 antiproteinase antitrypsin) member 3 antibody; SERPINA1 antibody; SERPINA2 antibody; anti-SERPINA3 antibody

PRODUCT SPECIFICATIONS

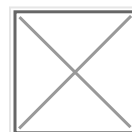
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	423
Applicable Applications for anti-SERPINA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human alpha 1 Antichymotrypsin (218-232aa EMPFDPQDTHQSRFY).
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.

IMAGES



IHC (Immunohistochemistry)

Anti-alpha 1 Antichymotrypsin antibody, AAA45730, IHC(P)IHC(P): Human Liver Cancer Tissue



WB (Western Blot)

Anti-alpha 1 Antichymotrypsin antibody, AAA45730, Western blottingWB: SMMC Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA3 antibody	Description: Rabbit IgG polyclonal antibody for Alpha-1-antichymotrypsin(SERPINA3) detection. Tested with WB, IHC-P in Human. Background: Alpha 1-antichymotrypsin, also called serpin peptidase inhibitor, clade A(alpha-1 antiproteinase, antitrypsin), member 3 or GIG24 is an alpha globulin glycoprotein that is a member of the serpin superfamily. In humans, it is encoded by the SERPINA3 gene. This gene is mapped to 14q32.13. The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112874
NCBI GeneID	12
UniProt Accession #	P01011; Q13703; Q2TU87; Q2TU88; Q59GP9; Q6LBY8; Q6LDT7; Q6NSC9; Q8N177; Q96DW8; Q9UC47; B3KVVQ7
Molecular Weight	10,717 Da
NCBI Official Full Name	Alpha-1-antichymotrypsin
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3
NCBI Official Symbol	SERPINA3
NCBI Official Synonym Symbols	ACT; AACT; GIG24; GIG25
NCBI Protein Information	alpha-1-antichymotrypsin; serpin A3; growth-inhibiting protein 24; growth-inhibiting protein 25; cell growth-inhibiting gene 24/25 protein; serine (or cysteine) proteinase inhibitor, clade A, member 3
UniProt Protein Name	Alpha-1-antichymotrypsin
UniProt Gene Name	SERPINA3
UniProt Synonym Gene Names	AACT; ACT
UniProt Entry Name	AACT_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/alpha-1-antichymotrypsin-antibody-immunohistochemistry-western-blot-elisa/45730>