

Goat Alpha 1 Antichymotrypsin Polyclonal Antibody | anti-SERPINA3 antibody

Alpha 1 Antichymotrypsin antibody

CATALOG # AAA75138	HOST Goat	REACTIVITY Specific for Human Alpha-1-antichymotrypsin
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PRODUCT SYNONYMS

Alpha 1 Antichymotrypsin; Polyclonal Antibody; Alpha 1 Antichymotrypsin antibody; Polyclonal Alpha 1 Antichymotrypsin; Anti-Alpha 1 Antichymotrypsin; A1-ACT; Alpha-1 Antichymotrypsin; A1ACT; anti-SERPINA3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Specific for Human Alpha-1-antichymotrypsin
Clonality	Polyclonal
Specificity	Alpha 1 Antichymotrypsin antibody was raised against Human Alpha-1-Antichymotrypsin
Purity/Purification	Affinity purified using solid phase Human Alpha-1-Antichymotrypsin
Form/Format	0.2 mM filtered, in 10 mM Sodium Phosphate, 150mM Sodium Chloride, pH7.2 and 0.05% Sodium Azide as a preservative.
Concentration	2.04 mg/ml (varies by lot)
Sequence Length	423
Source Note	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Biological Significance	Alpha 1 antichymotrypsin is an alpha globulin glycoprotein that is a member of the serpin superfamily. It inhibits the activity of certain enzymes called proteases, such as cathepsin G that is found in neutrophils, and chymases found in mast cells, by cleaving them into a different shape or conformation. This activity protects some tissues, such as the lower respiratory tract, from damage caused by proteolytic enzymes.
Immunogen	Alpha 1 Antichymotrypsin antibody was raised in goat using Human Alpha-1-Antichymotrypsin as the immunogen.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA3 antibody	Affinity purified Goat polyclonal Alpha 1 Antichymotrypsin antibody
Product Categories/Family for anti-SERPINA3 antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	50659080
NCBI GeneID	12
NCBI Accession #	NP_001076.2
NCBI GenBank Nucleotide #	NM_001085.4

UniProt Accession #	P01011; Q13703; Q2TU87; Q2TU88; Q59GP9; Q6LBY8; Q6LDT7; Q6NSC9; Q8N177; Q96DW8; Q9UC47; B3KVQ7
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/alpha-1-antichymotrypsin-antibody-elisa/75138>