

Rabbit anti-Human A2ML1 Polyclonal Antibody | anti-A2ML1 antibody

A2ML1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233160	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

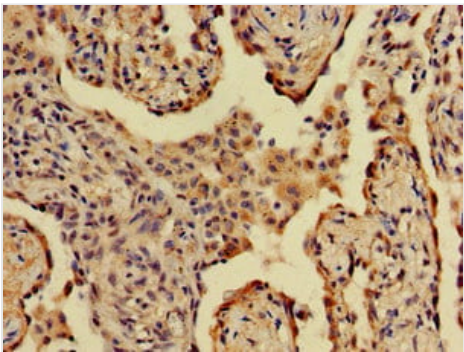
PRODUCT SYNONYMS

A2ML1; Polyclonal Antibody; A2ML1 Antibody; Alpha-2-macroglobulin-like protein 1; Alpha-2-macroglobulin-like protein 1 (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 9); CPAMD9; anti-A2ML1 antibody

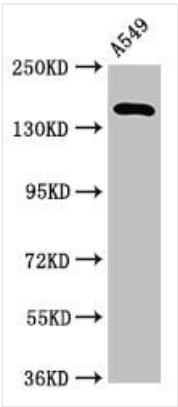
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-A2ML1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Alpha-2-macroglobulin-like protein 1 protein (625-751AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	A2ML1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using AAA233160 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: A549 whole cell lysateAll lanes: A2ML1 antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 162,106 KDaObserved band size: 162 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-A2ML1 antibody	Is able to inhibit all four classes of proteinases by a unique 'trapping' mechanism. This protein has a peptide stretch, called the 'bait region' which contains specific cleavage sites for different proteinases. When a proteinase cleaves the bait region, a conformational change is induced in the protein which traps the proteinase. The entrapped enzyme remains active against low molecular weight substrates (activity against high molecular weight substrates is greatly reduced). Following cleavage in the bait region a thioester bond is hydrolyzed and mediates the covalent binding of the protein to the proteinase (By similarity). Displays inhibitory activity against chymotrypsin, papain, thermolysin, subtilisin A and, to a lesser extent, elastase but not trypsin. May play an important role during desquamation by inhibiting extracellular proteases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	539846446
NCBI GeneID	144568
NCBI Accession #	NP_001269353.1
NCBI GenBank Nucleotide #	NM_001282424.2
UniProt Accession #	A8K2U0; Q2M224; Q6ZW52; Q6ZW53; Q8N1M4; Q96LQ8; B5MDD1; B7Z7V4; D3DUV3; F5H2Z2
NCBI Official Full Name	alpha-2-macroglobulin-like protein 1 isoform 2
NCBI Official Synonym Full Names	alpha-2-macroglobulin like 1
NCBI Official Symbol	A2ML1
NCBI Official Synonym Symbols	p170; CPAMD9
NCBI Protein Information	alpha-2-macroglobulin-like protein 1
UniProt Protein Name	Alpha-2-macroglobulin-like protein 1
UniProt Gene Name	A2ML1

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.