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anti-A2ML1 antibody (AA 625-751)

2 Images



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Overview

Quantity:	100 μg
Target:	A2ML1
Binding Specificity:	AA 625-751
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This A2ML1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Alpha-2-macroglobulin-like protein 1 protein (625-751AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	A2ML1
Alternative Name:	A2ML1 (A2ML1 Products)
Background:	Background: 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

Target Details

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.

Aliases: A2ML1 antibody, CPAMD9Alpha-2-macroglobulin-like protein 1 antibody, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 9 antibody

UniProt:

A8K2U0

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid

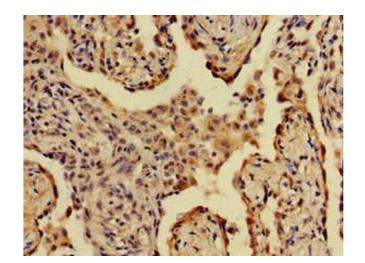
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

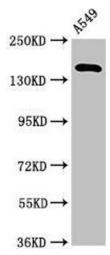
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7143798 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: A2ML1 antibody at 3.2 μg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 162, 106 kDa Observed band size: 162 kDa