

Datasheet for ABIN7143801

**anti-A2ML1 antibody (AA 625-751) (HRP)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	A2ML1
Binding Specificity:	AA 625-751
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This A2ML1 antibody is conjugated to HRP
Application:	ELISA

## 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 ( <a href="#">A2ML1 Products</a> )
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 specific

## Target Details

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: Optimal working dilution should be determined by the investigator.

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.