



# Human AP2M1 blocking peptide (CDBP0414)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-AP2M1 antibody
<b>Antigen Description</b>	This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Two transcript variants encoding different isoforms have been found for this gene.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AP2M1 adaptor-related protein complex 2, mu 1 subunit [ Homo sapiens ]</a>
<b>Official Symbol</b>	AP2M1

<b>Synonyms</b>	AP2M1; adaptor-related protein complex 2, mu 1 subunit; CLAPM1; AP-2 complex subunit mu; AP 2 mu 2 chain; AP50; clathrin adaptor complex AP2; mu subunit; clathrin assembly protein complex 2 medium chain; clathrin coat adaptor protein AP50; clathrin associated/assembly/adaptor protein; medium 1; HA2 50 kDA subunit; mu2; plasma membrane adaptor AP 2 50kDA protein; adaptin-mu2; AP-2 mu chain; AP-2 mu 2 chain; clathrin coat assembly protein AP50; clathrin coat-associated protein AP50; adaptor protein complex AP-2 subunit mu; clathrin adaptor complex AP2, mu subunit; plasma membrane adaptor AP-2 50kDA protein; plasma membrane adaptor AP-2 50 kDa protein; adapter-related protein complex 2 mu subunit; clathrin-associated/assembly/adaptor protein, medium 1;
<b>Entrez Gene ID</b>	<a href="#">1173</a>
<b>mRNA Refseq</b>	<a href="#">NM_001025205</a>
<b>Protein Refseq</b>	<a href="#">NP_001020376</a>
<b>UniProt ID</b>	Q96CW1
<b>Chromosome Location</b>	3q28
<b>Pathway</b>	Arf1 pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Disease, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem;
<b>Function</b>	lipid binding; protein binding; transporter activity;