

AP2M1 rabbit monoclonal antibody

Catalog # H00001173-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AP2M1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AP2M1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human AP2M1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — AP2M1

Entrez GeneID [1173](#)

GeneBank Accession# [AP2M1](#)

Gene Name AP2M1

Gene Alias AP50, CLAPM1, mu2

Gene Description adaptor-related protein complex 2, mu 1 subunit

Omim ID [601024](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations AP-2 mu 2 chain|HA2 50 kDA subunit|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|plasma membrane adaptor AP-2 50kDA prote

Pathway

- [Endocytosis](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)