

AP2A1 rabbit monoclonal antibody

Catalog # H00000160-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AP2A1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AP2A1 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 AP2A1 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 — AP2A1

Entrez GeneID	160
GeneBank Accession#	AP2A1
Gene Name	AP2A1
Gene Alias	ADTAA, AP2-ALPHA, CLAPA1
Gene Description	adaptor-related protein complex 2, alpha 1 subunit
Omim ID	601026
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the alpha 1 adaptin subunit of the adaptor protein 2 (AP-2) complex found in clathrin coated vesicles. The AP-2 complex is a heterotetramer consisting of two large adaptins (alpha or beta), a medium adaptin (mu), and a small adaptin (sigma). The complex is part of the protein coat on the cytoplasmic face of coated vesicles which links clathrin to receptors in vesicles. Alternative splicing of this gene results in two transcript variants encoding two different isoforms. A third transcript variant has been described, but its full length nature has not been determined. [provided by RefSeq]
Other Designations	100 kDa coated vesicle protein A adaptin, alpha A clathrin-associated/assembly/adaptor protein, large, alpha 1

Pathway

- [Endocytosis](#)