

# AP1S2 rabbit monoclonal antibody

Catalog # H00008905-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human AP1S2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AP1S2 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human AP1S2 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — AP1S2

Entrez GeneID	<a href="#">8905</a>
GeneBank Accession#	<a href="#">AP1S2</a>
Gene Name	AP1S2
Gene Alias	DC22, MGC:1902, MRX59, SIGMA1B
Gene Description	adaptor-related protein complex 1, sigma 2 subunit
Omim ID	<a href="#">300629</a> <a href="#">300630</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotrimer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as the small subunit of this complex and is a member of the adaptin protein family. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000022979 adaptor-related protein complex 1 sigma 2 subunit clathrin adaptor complex AP1 sigma 1B subunit clathrin assembly protein complex 1 sigma-1B small chain clathrin-associated/assembly/adaptor protein small 1-like golgi adaptor HA1/AP1 ada

## Pathway

- [Lysosome](#)