

# GGA1 rabbit monoclonal antibody

Catalog # H00026088-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human GGA1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GGA1 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 GGA1 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 — GGA1

Entrez GeneID [26088](#)

GeneBank Accession# [GGA1](#)

Gene Name GGA1

Gene Alias -

Gene Description golgi associated, gamma adaptin ear containing, ARF binding protein 1

Omim ID [606004](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) protein family. Members of this family are ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** ADP-ribosylation factor binding protein 1|OTTHUMP00000028975|OTTHUMP00000042200|gamma-adaptin related protein 1

## Pathway

- [Lysosome](#)