

GPS1 rabbit monoclonal antibody

Catalog # H00002873-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GPS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GPS1 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 GPS1 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 — GPS1

Entrez GeneID	2873
GeneBank Accession#	GPS1
Gene Name	GPS1
Gene Alias	COPS1, CSN1, MGC71287
Gene Description	G protein pathway suppressor 1
Omim ID	601934
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	Arabidopsis FUS6/COP11 homolog