

# GRAP2 rabbit monoclonal antibody

Catalog # H00009402-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human GRAP2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human GRAP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human GRAP2 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	<ol style="list-style-type: none"><li>1. Customer may provide cell or tissue lysate for antibody screening.</li><li>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.</li></ol>

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — GRAP2

Entrez GeneID	<a href="#">9402</a>
GeneBank Accession#	<a href="#">GRAP2</a>
Gene Name	GRAP2
Gene Alias	GADS, GRAP-2, GRB2L, GRBLG, GRID, GRPL, GrbX, Grf40, Mona, P38
Gene Description	GRB2-related adaptor protein 2
Omim ID	<a href="#">604518</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the GRB2/Sem5/Drk family. This member is an adaptor-like protein involved in leukocyte-specific protein-tyrosine kinase signaling. Like its related family member , GRB2-related adaptor protein (GRAP), this protein contains an SH2 domain flanked by two SH3 domains. This protein interacts with other proteins, such as GRB2-associated binding protein 1 ( GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains. Transcript variants utilizing alternative polyA sites exist. [provided by RefSeq]
Other Designations	GRB-2-like protein GRB2-related protein with insert domain OTTHUMP00000028837 SH3-SH2-SH3 adaptor molecule growth factor receptor-binding protein growth factor receptor-bound protein 2-related adaptor protein 2 hematopoietic cell-associated adaptor protein

## Pathway

- [T cell receptor signaling pathway](#)

## Disease

- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Liver Neoplasms](#)

- [Tobacco Use Disorder](#)
- [Viremia](#)