

# RASGRP2 rabbit monoclonal antibody

Catalog # H00010235-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human RASGRP2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human RASGRP2 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 RASGRP2 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>	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 — RASGRP2

Entrez GeneID [10235](#)

GeneBank Accession# [RASGRP2](#)

Gene Name RASGRP2

Gene Alias CALDAG-GEFI, CDC25L

Gene Description RAS guanyl releasing protein 2 (calcium and DAG-regulated)

Omim ID [605577](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a brain-enriched nucleotide exchanged factor that contains a n N-terminal GEF domain, 2 tandem repeats of EF-hand calcium-binding motifs, and a C-terminal diacylglycerol/phorbol ester-binding domain. This protein can activate small GTPases, including RAS and RAP1/RAS3. The nucleotide exchange activity of this protein can be stimulated by calcium and diacylglycerol. Three alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000042931|OTTHUMP00000069245|OTTHUMP00000069246|RAS guanyl nucleotide-releasing protein 2|RAS guanyl releasing protein 2|calcium and DAG-regulated guanine nucleotide exchange factor l|calcium and diacylglycerol-regulated guanine nucleotide exchan

## Pathway

- [Chemokine signaling pathway](#)
- [MAPK signaling pathway](#)