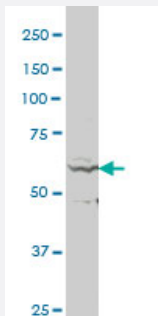


RASGRP2 polyclonal antibody (A01)

Catalog # H00010235-A01

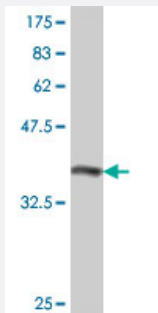
Size 50 uL

Applications



Western Blot (Cell lysate)

RASGRP2 polyclonal antibody (A01), Lot # NIH47060208QCS1 Western Blot analysis of RASGRP2 expression in A-431 (Cat # L015V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant RASGRP2.
Immunogen	RASGRP2 (NP_005816, 65 a.a. ~ 164 a.a) partial recombinant protein with GST tag.
Sequence	GTLDLDKGCTVEELLRGCIEAFDDSGKVRDPQLVRMFLMMHPWYIPSSQLAAKLLHIYQQSRKDN SNSLQVKTCHLVRYWISAFPAEFDLNPELAEQIKE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RASGRP2 polyclonal antibody (A01), Lot # NIH47060208QCS1 Western Blot analysis of RASGRP2 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RASGRP2

Entrez GeneID

[10235](#)

GeneBank Accession#

[NM_005825](#)

Protein Accession#

[NP_005816](#)

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 1|calcium and diacylglycerol-regulated guanine nucleotide exchange factor 1

Pathway

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