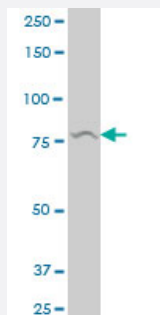


RASGRP3 polyclonal antibody (A01)

Catalog # H00025780-A01

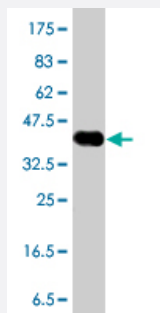
Size 50 uL

Applications



Western Blot (Cell lysate)

RASGRP3 polyclonal antibody (A01), Lot # UOH1051006QCS1 Western Blot analysis of RASGRP3 expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (38.1 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant RASGRP3.
Immunogen	RASGRP3 (AAH27849, 581 a.a. ~ 690 a.a) partial recombinant protein with GST tag.
Sequence	AGHRDLDSRAITLV TGSSRKISVRLQRATTSQATQTEPVWSEAGWGDSGSHTFPKMKS FHDKA AKDKGFAKWENEKPRVHAGVDVVD RGTEFELDQDEGEETRQDGEDG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.1 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)

RASGRP3 polyclonal antibody (A01), Lot # UOH1051006QCS1 Western Blot analysis of RASGRP3 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RASGRP3

Entrez GeneID

[25780](#)

GeneBank Accession#

[BC027849](#)

Protein Accession#

[AAH27849](#)

Gene Name

RASGRP3

Gene Alias

GRP3, KIAA0846

Gene Description

RAS guanyl releasing protein 3 (calcium and DAG-regulated)

Omim ID

[609531](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RASGRP3, serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation (Rebhun et al., 2000 [PubMed 10934204]).[supplied by OMIM]

Other Designations

guanine nucleotide exchange factor for Rap1

Pathway

- [B cell receptor signaling pathway](#)
- [MAPK signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Tobacco Use Disorder](#)