

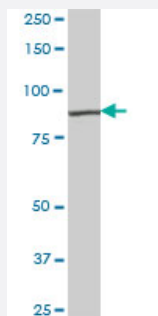
MaxPab®

RASGRP3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00025780-B01P

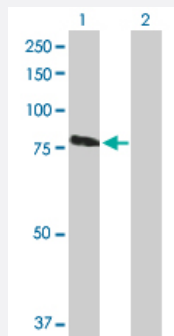
Size 50 ug

Applications



Western Blot (Tissue lysate)

RASGRP3 MaxPab polyclonal antibody. Western Blot analysis of RASGRP3 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of RASGRP3 expression in transfected 293T cell line ([H00025780-T01](#)) by RASGRP3 MaxPab polyclonal antibody.

Lane 1: RASGRP3 transfected lysate(75.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RASGRP3 protein.

Immunogen

RASGRP3 (NP_733772.1, 1 a.a. ~ 690 a.a) full-length human protein.

Sequence	MGSSGLGKAATLDELLCTCIEMFDDNGELDNSYLPRVLLMHRWYLSSTELAELLCMYRNATGE SCNEFRLKICYFMRYWILKFPAEFNLDLGLIRMTEEFREVASQLGYEKHVSLIDISSIPSYDWMRRVT QRKKVSKKGKACLLFDHLEPIELAEHLTFLEHKSFRISFTDYQSYVHGCLENNPTLERSIALFNGI SKWVQLMVL SKPTPQQRAEVITKFINVAKLLQLKNFNTLMAVVGGLSHSSISRLKETHSHLSSEV TKNWNEMTELVSSNGNYCNYRKAFADCDGFKIPILGVHLKDLIAVHVIFPDWTEENKVNIVKMHQL SVTLSELVSLQNASHHLEPNMDLINLLTSLDLYHTEDDIYKLSLVLEPRNSKSQPTSPPTPNKPVV PLEWALGVMPKPDPTVINKHIRKLVESVFRNYDHDHDGYSQEDFESIAANFPFLDSFCVLDKDQ DGLISKDEMMAYFLRAKSQLHCKMGPFGFIHNFQEMTYLKPTFCEHCAGFLWGIIKQGYKCKDCGA NCHKQCKDLLVLACRRFARAPSLSSGHGSLPGSPSLPPAQDEVFEFPGVTAGHRDLDSRAITLV TGSSRKISVRLQRATTSQATQTEPVWSEAGWGDSGSHTFPKMKSKFHDKAAKDKGFAKWENE KPRVHAGVDVVDRGTEFELDQDEGEETRQDGEDG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

RASGRP3 MaxPab polyclonal antibody. Western Blot analysis of RASGRP3 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RASGRP3 expression in transfected 293T cell line ([H00025780-T01](#)) by RASGRP3 MaxPab polyclonal antibody.

Lane 1: RASGRP3 transfected lysate(75.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RASGRP3

Entrez GeneID [25780](#)

GeneBank Accession# [NM_170672](#)

Protein Accession#	NP_733772.1
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](#)