

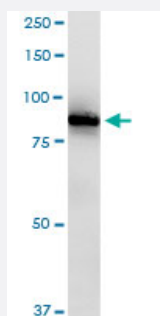
MaxPab®

RASGRP2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010235-D01P

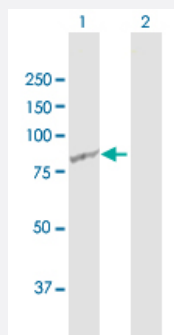
Size 100 ug

Applications



Western Blot (Tissue lysate)

RASGRP2 MaxPab rabbit polyclonal antibody. Western Blot analysis of RASGRP2 expression in human stomach.



Western Blot (Transfected lysate)

Western Blot analysis of RASGRP2 expression in transfected 293T cell line ([H00010235-T02](#)) by RASGRP2 MaxPab polyclonal antibody.

Lane 1: RASGRP2 transfected lysate(75.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human RASGRP2 protein.

Immunogen

RASGRP2 (NP_005816.2, 1 a.a. ~ 671 a.a) full-length human protein.

Sequence	MGTQRLCGRGTQGWPGSSEQHVQEATSSAGLHSGVDELGVRSEPGGRLPERSLGPAHPAPAA MAGTLDLKDGCTVEELLRGCI AFDDSGKVRDPQLVRMFLMMHPWYIPSSQLAAKLLHIYQQSRK DNSNSLQVKTCHLVRYWISAFPAEFDLNPELAEQIKELKALLDQEGNRRHSSLIDIDSVPTYKWKR QVTQRNPVGQKKRKMSLLFDHLEPMELAEHLTYLEYRSFCKILFQDYHSFVTHGCTVDNPVLERFI SLFNSVSQWVQLMILSKPTAPQRALVITHFVHVAEKLLQLQNFNTLMAVVGGLSHSSISRLKETHS HVSPEIKLWEGLTELVTATGNYGNYRRRLAACVGFRFPILGVHLKDLVALQLALPDWLDPARTRL NGAKMKQLFSILEELAMVTSRPPVQANPDLLSLLTVSLDQYQTEDELYQLSLQREPRSKSSPTS PTSCTPPPRPPVLEEWTSAAKPKLDQALVVEHIEKMOVESVFRNFDVDGDGHISQEEFQIIRGNFP YLSAFGDLQNDQDGCISREEMVSYFLRSSSVLGGRMGFVHNFQESNSLRPVACRHCKALILGYK QGLKCRACGVNCHKQCKDRLSVECRRAQSVSLEGSAPSPSPMHSHHHRAFSFSLPRPGRRG SRPPEIREEEVQTVEDGVFDIHL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96)
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)

RASGRP2 MaxPab rabbit polyclonal antibody. Western Blot analysis of RASGRP2 expression in human stomach.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RASGRP2 expression in transfected 293T cell line ([H00010235-T02](#)) by RASGRP2 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RASGRP2

Entrez GeneID [10235](#)

GeneBank Accession# [NM_005825](#)

Protein Accession#	NP_005816.2
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](#)