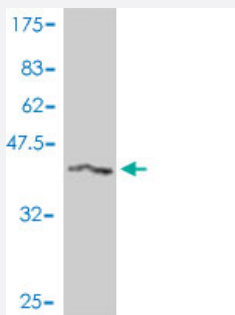


RAPGEF2 polyclonal antibody (A01)

Catalog # H00009693-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.01 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant RAPGEF2.
Immunogen	RAPGEF2 (XP_376350, 1398 a.a. ~ 1487 a.a) partial recombinant protein with GST tag.
Sequence	PITDFPEGHSHPARKPPDYNVALQRSRMVARSSDTAGPSSVQQPHGHPTSSRPVNKPQWHKPN ESDPRLAPYQSQGFSTEEDEDEQVSAV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (67); Rat (68)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.01 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RAPGEF2

Entrez GeneID [9693](#)

GeneBank Accession# [XM_376350](#)

Protein Accession# [XP_376350](#)

Gene Name RAPGEF2

Gene Alias CNrasGEF, NRAPGEP, PDZ-GEF1, PDZGEF1, RA-GEF, Rap-GEP

Gene Description Rap guanine nucleotide exchange factor (GEF) 2

Omim ID [609530](#)

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 RAPGEF2, 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 PDZ domain containing guanine nucleotide exchange factor (GEF) 1|RA(Ras/Rap1A-associating)-GEF|Rap guanine nucleotide exchange factor 2

Pathway

- [MAPK signaling pathway](#)