RAPGEF2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAPGEF2, Polyclonal Antibody
Full Product Name	RAPGEF2 (C-Term) Rabbit pAb
Product Gene Name	anti-RAPGEF2 antibody
Product Synonym Names	Rap guanine nucleotide exchange factor 2; Cyclic nucleotide ras GEF; CNrasGEF; Neural RAP guanine nucleotide exchange protein; nRap GEP; PDZ domain-containing guanine nucleotide exchange factor 1; PDZ-GEF1; RA-GEF-1; Ras/Rap1-associating GEF-1; RAPGEF2; K
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	In PBS supplemented with 0.09% (W/V) Sodium Azide.
Purity/Purification	Affinity Purified
OMIM	609530
3D Structure	ModBase 3D Structure for Q9Y4G8
Immunogen	This RAPGEF2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1464-1498 amino acids from the C-terminal region of human RAPGEF2.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RAPGEF2 antibody	Western Blot (WB)
Application Notes for anti-RAPGEF2 antibody	WB: 1:2000
Related Product Information for anti-RAPGEF2 antibody	MBS8557334 is an antibody targeting RAPGEF2. Also known as RAPGEF2 (C-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-RAPGEF2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAPGEF2. It may not necessarily be applicable to this product.

NCBI GI #	7657261
NCBI GeneID	9693
NCBI Accession #	NP_055062.1
UniProt Primary Accession #	Q9Y4G8
UniProt Related Accession #	Q9Y4G8
GenBank Nucleotide #	NP_055062.1

NCBI Official Full Name	rap guanine nucleotide exchange factor 2 isoform 5
NCBI Official Synonym Full Names	Rap guanine nucleotide exchange factor 2
NCBI Official Symbol	RAPGEF2
NCBI Official Synonym Symbols	RAGEF; RA-GEF; NRAPGEP; PDZGEF1; Rap-GEP; CNrasGEF; PDZ-GEF1; RA-GEF-1; nRap GEP
UniProt Protein Name	Rap guanine nucleotide exchange factor 2
UniProt Synonym Protein Names	Cyclic nucleotide ras GEF; CNrasGEF; Neural RAP guanine nucleotide exchange protein; nRap GEP; PDZ domain-containing guanine nucleotide exchange factor 1; PDZ-GEF1; RA-GEF-1; Ras/Rap1-associating GEF-1
Protein Family	Rap guanine nucleotide exchange factor
UniProt Gene Name	RAPGEF2
UniProt Synonym Gene Names	KIAA0313; NRAPGEP; PDZGEF1; CNrasGEF; nRap GEP; PDZ-GEF1
UniProt Entry Name	RPGF2_HUMAN
NCBI Protein Information	rap guanine nucleotide exchange factor 2
NCBI Summary for RAPGEF2	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, Mar 2008]
Research Articles on RAPGEF2	**1.** Cdk5-mediated phosphorylation of RapGEF2 controls neuronal migration in the developing cerebral cortex.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/rapgef2/8557334