ARHGAP10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARHGAP10, Polyclonal Antibody
Full Product Name	ARHGAP10 Antibody, Biotin conjugated
Product Gene Name	anti-ARHGAP10 antibody
Product Synonym Names	Rho GTPase-activating protein 10; GTPase regulator associated with focal adhesion kinase 2; Graf-related protein 2; Rho-type GTPase-activating protein; ARHGAP10; GRAF2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ARHGAP10 (MBS7043615) Biotin Conjugated Antibody: ARHGAP10 (MBS7043872)
Molecular Weight	89,375 Da
OMIM	609746
3D Structure	ModBase 3D Structure for A1A4S6
Species	Human
Immunogen	Recombinant human Rho GTPase-activating protein 10 protein
Conjugate	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160139
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ARHGAP10 antibody	ELISA (EIA)
Related Product Information for anti-ARHGAP10 antibody	GTPase activator for the small GTPases RhoA and Cdc42 by converting them to an inactive GDP-bound state. Essential for PTKB2 regulation of cytoskeletal organization via Rho family GTPases. Inhibits PAK2 proteolytic fragment PAK-2p34 kinase activity and changes its localization from the nucleus to the perinuclear region. Stabilizes PAK-2p34 thereby increasing stimulation of cell death (By similarity).
Other Notes	Small volumes of anti-ARHGAP10 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.
Searchable Terms for ARHGAP10 purchase	MBS7043872 is an antibody targeting ARHGAP10. Also known as ARHGAP10 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGAP10. It may not necessarily be applicable to this product.

NCBI GI #	50843948
NCBI GeneID	79658
NCBI Accession #	NP_078881.3
UniProt Primary Accession #	A1A4S6
UniProt Secondary Accession #	Q2VPC4; Q2VPC5; Q96EV3; Q96S75; A1L0S5
UniProt Related Accession #	A1A4S6
GenBank Nucleotide #	NM_024605.3
NCBI Official Full Name	rho GTPase-activating protein 10
NCBI Official Synonym Full Names	Rho GTPase activating protein 10
NCBI Official Symbol	ARHGAP10
NCBI Official Synonym Symbols	GRAF2; PSGAP; PS-GAP
UniProt Protein Name	Rho GTPase-activating protein 10
UniProt Synonym Protein Names	GTPase regulator associated with focal adhesion kinase 2; Graf-related protein 2; Rho-type GTPase-activating protein 10
Protein Family	Rho GTPase-activating protein
UniProt Gene Name	ARHGAP10
UniProt Synonym Gene Names	GRAF2
UniProt Entry Name	RHG10_HUMAN
NCBI Protein Information	rho GTPase-activating protein 10
UniProt Comments for ARHGAP10	ARHGAP10: GTPase activator for the small GTPases RhoA and Cdc42 by converting them to an inactive GDP-bound state. Essential for PTKB2 regulation of cytoskeletal organization via Rho family GTPases. Inhibits PAK2 proteolytic fragment PAK-2p34 kinase activity and changes its localization from the nucleus to the perinuclear region. Stabilizes PAK-2p34 thereby increasing stimulation of cell death. Protein type: Motility/polarity/chemotaxis; GAPs, Rac/Rho Chromosomal Location of Human Ortholog: 4q31.23 Cellular Component: cytosol Molecular Function: GTPase activator activity; protein binding Biological Process: regulation of small GTPase mediated signal transduction
Research Articles on ARHGAP10	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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.

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