ARHGAP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARHGAP1, Polyclonal Antibody
Full Product Name	ARHGAP1 Antibody, HRP conjugated
Product Gene Name	anti-ARHGAP1 antibody
Product Synonym Names	Rho GTPase-activating protein 1; CDC42 GTPase-activating protein; GTPase-activating protein rhoGAP; Rho-related small GTPase protein activator; Rho-type GTPase-activating protein 1; p50-RhoGAP; ARHGAP1; CDC42GAP; RHOGAP1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ARHGAP1 (MBS7105273) HRP Conjugated Antibody: ARHGAP1 (MBS7105274)
Molecular Weight	50,436 Da
OMIM	U02570 mRNA
3D Structure	ModBase 3D Structure for Q07960
Immunogen	Recombinant Human Rho GTPase-activating protein 1 protein (216-308AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ARHGAP1 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ARHGAP1 antibody	ELISA (EIA)
Related Product Information for anti-ARHGAP1 antibody	GTPase activator for the Rho, Rac and Cdc42 proteins, converting them to the putatively inactive GDP-bound state. Cdc42 seems to be the preferred substrate.
Other Notes	Small volumes of anti-ARHGAP1 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 ARHGAP1 purchase	MBS7105274 is an antibody targeting ARHGAP1. Also known as ARHGAP1 Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGAP1. It may not necessarily be applicable to this product.

NCBI GI #	4757766
NCBI GeneID	392
NCBI Accession #	NP_004299.1
UniProt Primary Accession #	Q07960
UniProt Secondary Accession #	D3DQQ6
UniProt Related Accession #	Q07960
GenBank Nucleotide #	NM_004308.3
NCBI Official Full Name	rho GTPase-activating protein 1
NCBI Official Synonym Full Names	Rho GTPase activating protein 1
NCBI Official Symbol	ARHGAP1
NCBI Official Synonym Symbols	RHOGAP; RHOGAP1; CDC42GAP; p50rhoGAP
UniProt Protein Name	Rho GTPase-activating protein 1
UniProt Synonym Protein Names	CDC42 GTPase-activating protein; GTPase-activating protein rhoGAP; Rho-related small GTPase protein activator; Rho-type GTPase-activating protein 1; p50-RhoGAP
Protein Family	Rho GTPase-activating protein
UniProt Gene Name	ARHGAP1
UniProt Synonym Gene Names	CDC42GAP; RHOGAP1
NCBI Protein Information	rho GTPase-activating protein 1
NCBI Summary for ARHGAP1	This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein contains a SRC homology 3 domain and interacts with Bcl-2-associated protein family members. [provided by RefSeq, Aug 2012]
Research Articles on ARHGAP1	**1.** identified ARHGAP1, which is a negative regulator of CDC42, as a novel, direct target of miR-130b
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