ARHGEF16 Antibody

PRODUCT OVERVIEW

Product Name	ARHGEF16, Antibody
Full Product Name	ARHGEF16 Antibody
Product Gene Name	anti-ARHGEF16 antibody
Product Synonym Names	ARHGEF16; ARHGG; GEF16; NBR; Rho guanine exchange factor (GEF) 16; Rho guanine nucleotide exchange factor (GEF) 16; Rho guanine nucleotide exchange factor 16
Species Reactivity	Human
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	ARHGEF16 Antibody detects endogenous levels of total ARHGEF16
Preparation and Storage	Store at-20 degree C. Stable for 12 months from date of receipt.
Molecular Weight	48,629 Da
3D Structure	ModBase 3D Structure for Q5VV41
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ARHGEF16 antibody	Western Blot (WB)
Application Notes for anti-ARHGEF16 antibody	WB: 1:500-1:1000
Related Product Information for anti-ARHGEF16 antibody	MBS8515137 is an antibody targeting ARHGEF16. Also known as ARHGEF16 Antibody. Reactive in Human.
Other Notes	Small volumes of anti-ARHGEF16 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 ARHGEF16. It may not necessarily be applicable to this product.

NCBI GI #	163792208
NCBI GeneID	27237
NCBI Accession #	NP_055263.2
UniProt Primary Accession #	Q5VV41
UniProt Secondary Accession #	Q86TF0; Q99434
UniProt Related Accession #	Q5VV41
GenBank Nucleotide #	NM_014448.3
NCBI Official Full Name	rho guanine nucleotide exchange factor 16

NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor 16
NCBI Official Symbol	ARHGEF16
NCBI Official Synonym Symbols	NBR; GEF16
UniProt Protein Name	Rho guanine nucleotide exchange factor 16
UniProt Synonym Protein Names	Ephexin-4
Protein Family	Rho guanine nucleotide exchange factor
UniProt Gene Name	ARHGEF16
UniProt Synonym Gene Names	EPHEXIN4; NBR
NCBI Protein Information	rho guanine nucleotide exchange factor 16
NCBI Summary for ARHGEF16	Although the specific function of this protein is not known yet, it is thought to be involved in protein-protein and protein-lipid interactions. [provided by RefSeq, Jul 2008]
UniProt Comments for ARHGEF16	Guanyl-nucleotide exchange factor of the RHOG GTPase stimulating the exchange of RHOG-associated GDP for GTP. May play a role in chemotactic cell migration by mediating the activation of RAC1 by EPHA2. May also activate CDC42 and mediate activation of CDC42 by the viral protein HPV16 E6.
Research Articles on ARHGEF16	**1.** Sixty-four novel structural analogues of Y27632 were synthesized and tested for their ability to persistently inhibit the transformation of NIH3T3 cells by Rho guanidine exchange factor 16 (ARHGEF16) or Ras.
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