ARHGAP28 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARHGAP28, Polyclonal Antibody
Full Product Name	ARHGAP28, ID (ARHGAP28, KIAA1314, Rho GTPase-activating protein 28, Rho-type GTPase-activating protein 28) (MaxLight 650)
Product Gene Name	anti-ARHGAP28 antibody
Product Synonym Names	ARHGAP28; KIAA1314; Rho GTPase-activating protein 28; Rho-type GTPase-activating protein 28
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	610592
3D Structure	ModBase 3D Structure for Q9P2N2
Immunogen	ARHGAP28 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 419-446 amino acids from the Central region of human ARHGAP28.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-ARHGAP28 antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-ARHGAP28 antibody	Western Blot (WB), FLISA
Application Notes for anti-ARHGAP28 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ARHGAP28 antibody	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state (By similarity).
Product References and Citations for anti-ARHGAP28 antibody	Nusbaum, C., et al. Nature 437(7058):551-555(2005).
Other Notes	Small volumes of anti-ARHGAP28 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 ARHGAP28 purchase	MBS6274904 is an antibody targeting ARHGAP28. Also known as ARHGAP28, ID (ARHGAP28, KIAA1314, Rho GTPase-activating protein 28, Rho-type GTPase-activating protein 28) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGAP28. It may not necessarily be applicable to this product.

NCBI GI #	59710113
NCBI GeneID	79822
NCBI Accession #	NP_001010000.1
UniProt Primary Accession #	Q9P2N2
UniProt Related Accession #	Q9P2N2
GenBank Nucleotide #	NP_001010000.1
NCBI Official Full Name	rho GTPase-activating protein 28 isoform a
NCBI Official Synonym Full Names	Rho GTPase activating protein 28
NCBI Official Symbol	ARHGAP28
UniProt Protein Name	Rho GTPase-activating protein 28
UniProt Synonym Protein Names	Rho-type GTPase-activating protein 28
Protein Family	Rho GTPase-activating protein
UniProt Gene Name	ARHGAP28
UniProt Synonym Gene Names	KIAA1314
UniProt Entry Name	RHG28_HUMAN
NCBI Protein Information	rho GTPase-activating protein 28
UniProt Comments for ARHGAP28	ARHGAP28: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. 4 isoforms of the human protein are produced by alternative splicing. Protein type: GAPs, Rac/Rho; GAPs Chromosomal Location of Human Ortholog: 18p11.31 Cellular Component: nucleoplasm; cytosol; cell junction Molecular Function: GTPase activator activity Biological Process: regulation of small GTPase mediated signal transduction; small GTPase mediated signal transduction; positive regulation of GTPase activity
Research Articles on ARHGAP28	**1.** The results of this study provide evidence that there are common variants within this protein that contribute to the risk for a general liability to substance dependence
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