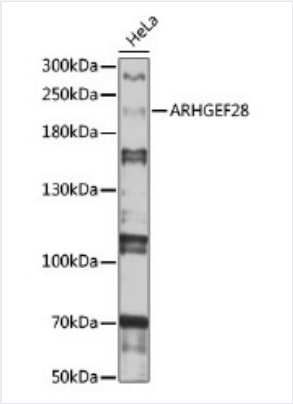
ARHGEF28 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARHGEF28, Polyclonal Antibody
Full Product Name	ARHGEF28 Rabbit pAb
Product Gene Name	anti-ARHGEF28 antibody
Product Synonym Names	RIP2; RGNEF; p190RHOGEF
Immunogen Sequence	KNQKWLEILN KIENKTYTKL KNGHVFRKQA LMSEERTLLY DGLVYWKTAT GRFKDILALL LTDVLLFLQE KDQKYIFAAV DQKPSVISLQ KLIAREVANE ERGMFLISAS SAGPEMYEIH TNSKEERNNW MRRIQQAVES CPEEKGGRTS ESDEDKRKAE ARVAKIQQCQ EILTNQDQQI CAYLEEKLHI YAELGELSGF E
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack
Molecular Weight	194,519 Da
OMIM	612790
3D Structure	ModBase 3D Structure for Q8N1W1
Positive Samples	HeLa
Cellular Location	Cell membrane, Cytoplasm
Research Area	Signal Transduction, G protein signaling, Small G proteins, Cell Biology Developmental Biology, Cell Cycle, Cell differentiation, Cytoskeleton, Actins
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1050-1250 of human ARHGEF28 (NP_001073948.2).
Product Categories/Family for anti-ARHGEF28 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ARHGEF28 antibody	Western Blot (WB)
Application Notes for anti-ARHGEF28 antibody	WB: 1:500-1:2000
Related Product Information for anti-ARHGEF28 antibody	This gene encodes a member of the Rho guanine nucleotide exchange factor family. The encoded protein interacts with low molecular weight neurofilament mRNA and may be involved in the formation of amyotrophic lateral sclerosis neurofilament aggregates. Alternate splicing results in multiple transcript variants.

Other Notes	Small volumes of anti-ARHGEF28 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 ARHGEF28 purchase	MBS9145491 is an antibody targeting ARHGEF28. Also known as ARHGEF28 Rabbit pAb. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ARHGEF28 antibody
Western blot analysis of extracts of HeLa cells, using ARHGEF28 antibody (MBS9145491) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGEF28. It may not necessarily be applicable to this product.

NCBI GI #	295148073
NCBI GeneID	64283
NCBI Accession #	NP_001073948.2
UniProt Primary Accession #	Q8N1W1
UniProt Secondary Accession #	Q8NCM7; Q96E37; Q9H6L3; Q9H6W0; B2RXG7; B4E3K4; B5MDA3; B7ZW32; E9PC75
UniProt Related Accession #	Q8N1W1
GenBank Nucleotide #	NM_001080479.2
NCBI Official Full Name	rho guanine nucleotide exchange factor 28 isoform 1
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor 28
NCBI Official Symbol	ARHGEF28
NCBI Official Synonym Symbols	RIP2; RGNEF; p190RHOGEF
UniProt Protein Name	Rho guanine nucleotide exchange factor 28
UniProt Synonym Protein Names	190 kDa guanine nucleotide exchange factor; p190-RhoGEF; p190RhoGEF; Rho guanine nucleotide exchange factor
Protein Family	Rho guanine nucleotide exchange factor
UniProt Gene Name	ARHGEF28
UniProt Synonym Gene Names	KIAA1998; RGNEF; p190-RhoGEF; p190RhoGEF
NCBI Protein Information	rho guanine nucleotide exchange factor 28

UniProt Comments for ARHGEF28	Functions as a RHOA-specific guanine nucleotide exchange factor regulating signaling pathways downstream of integrins and growth factor receptors. Functions in axonal branching, synapse formation and dendritic morphogenesis. Functions also in focal adhesion formation, cell motility and B-lymphocytes activation. May regulate NEFL expression and aggregation and play a role in apoptosis ().
Research Articles on ARHGEF28	**1.** results show that Rgnef functions as an effector of Galpha13 signaling and that this linkage may mediate FAK activation in DLD-1 colon carcinoma cells
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