RSG1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RSG1, Polyclonal Antibody
Full Product Name	RSG1 Polyclonal Antibody
Product Gene Name	anti-RSG1 antibody
Product Synonym Names	C1orf89
Immunogen Sequence	MARPPVPGSV VVPNWHESAE GKEYLACILR KNRRRVFGLL ERPVLLPPVS IDTASYKIFV SGKSGVGKTA LVAKLAGLEV PVVHHETTGI QTTVVFWPAK LQASSRVVMF RFEFWDCGES ALKKFDHMLL ACMENTDAFL FLFSFTDRAS FEDLPGQLAR IAGEAPGVVR MVIGSKFDQY MHTDVPERDL TAFRQAWELP LLRVKSVPGR RLADGRTLDG
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	28kDa
3D Structure	ModBase 3D Structure for Q9BU20
Immunogen	Recombinant protein of human RSG1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, cilium basal body, cytoskeleton
Product Categories/Family for anti-RSG1 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RSG1 antibody	Western Blot (WB)
Application Notes for anti-RSG1 antibody	WB: 1:200 - 1:2000
Related Product Information for anti-RSG1 antibody	MBS9135496 is an antibody targeting RSG1. Also known as RSG1 Polyclonal Antibody. Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-RSG1 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 RSG1. It may not necessarily be applicable to this product.

NCBI GI #	241666479

NCBI GeneID	79363
NCBI Accession #	NP_112169.2
UniProt Primary Accession #	Q9BU20
UniProt Secondary Accession #	Q5TEV7
UniProt Related Accession #	Q9BU20
GenBank Nucleotide #	NM_030907.3
NCBI Official Full Name	REM2- and Rab-like small GTPase 1
NCBI Official Synonym Full Names	REM2 and RAB like small GTPase 1
NCBI Official Symbol	RSG1
NCBI Official Synonym Symbols	C1orf89
UniProt Protein Name	REM2- and Rab-like small GTPase 1
Protein Family	REM2- and Rab-like small GTPase
UniProt Gene Name	RSG1
UniProt Synonym Gene Names	C1orf89
NCBI Protein Information	REM2- and Rab-like small GTPase 1
UniProt Comments for RSG1	Potential effector of the planar cell polarity signaling pathway. Plays a role in targeted membrane trafficking most probably at the level of vesicle fusion with membranes. Involved in cilium biogenesis by regulating the transport of cargo proteins to the basal body and to the apical tips of cilia. More generally involved in exocytosis in secretory cells ().
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