GORASP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GORASP1, Polyclonal Antibody
Full Product Name	GORASP1 Polyclonal Antibody
Product Gene Name	anti-GORASP1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	23kDa; 26kDa; 46kDa
OMIM	606867
3D Structure	ModBase 3D Structure for Q9BQQ3
Immunogen	Recombinant protein of human GORASP1 (NP_114105.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GORASP1 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-GORASP1 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:10-1:100
Related Product Information for anti-GORASP1 antibody	The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a membrane protein involved in establishing the stacked structure of the Golgi apparatus. It is a caspase-3 substrate, and cleavage of this encoded protein contributes to Golgi fragmentation in apoptosis. This encoded protein can form a complex with the Golgi matrix protein GOLGA2, and this complex binds to the vesicle docking protein p115. Alternative splicing results in multiple transcript variants of this gene.
Other Notes	Small volumes of anti-GORASP1 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 GORASP1 purchase	MBS8572999 is an antibody targeting GORASP1. Also known as GORASP1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GORASP1. It may not necessarily be applicable to this product.

NCBI GI #	51316077
NCBI GeneID	64689
NCBI Accession #	Q9BQQ3.3

UniProt Primary Accession #	Q9BQQ3
UniProt Related Accession #	Q9BQQ3
NCBI Official Full Name	Golgi reassembly-stacking protein 1
NCBI Official Synonym Full Names	golgi reassembly stacking protein 1
NCBI Official Symbol	GORASP1
NCBI Official Synonym Symbols	P65; GOLPH5; GRASP65
UniProt Protein Name	Golgi reassembly-stacking protein 1
UniProt Synonym Protein Names	Golgi peripheral membrane protein p65; Golgi phosphoprotein 5; GOLPH5; Golgi reassembly-stacking protein of 65 kDa; GRASP65
Protein Family	Golgi reassembly-stacking protein
UniProt Gene Name	GORASP1
UniProt Synonym Gene Names	GOLPH5; GRASP65; GOLPH5; GRASP65
UniProt Entry Name	GORS1_HUMAN
NCBI Protein Information	Golgi reassembly-stacking protein 1
UniProt Comments for GORASP1	GRASP65: Stacking factor involved in the postmitotic assembly of Golgi stacks from mitotic Golgi fragments. Key structural protein required for the maintenance of the Golgi apparatus integrity: its caspase-mediated cleavage is required for fragmentation of the Golgi during apoptosis. Also mediates, via its interaction with GM130, the docking of transport vesicles with the Golgi membranes. Belongs to the GORASP family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Vesicle Chromosomal Location of Human Ortholog: 3p22-p21.33 Cellular Component: Golgi membrane; Golgi apparatus Biological Process: protein transport; negative regulation of dendrite morphogenesis; mitotic cell cycle; Golgi organization and biogenesis
Research Articles on GORASP1	**1.** DjA1 interacts with GRASP65 to enhance Golgi structure formation through the promotion of GRASP65 trans-oligomerization.
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