GOLGA4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GOLGA4, Polyclonal Antibody
Full Product Name	GOLGA4 Polyclonal Conjugated Antibody
Product Gene Name	anti-GOLGA4 antibody
Product Synonym Names	GOLGA4 Conjugated Antibody; GOLGA4; CRPF46; GCP2; GOLG; MU-RMS-40.18; p230; golgin A4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	262,328 Da
3D Structure	ModBase 3D Structure for Q13439
Immunogen	Recombinant fusion protein of human GOLGA4 (NP_002069.2).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-GOLGA4 antibody	Most Applications
Application Notes for anti-GOLGA4 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-GOLGA4 antibody	The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This protein has been postulated to play a role in Rab6-regulated membrane-tethering events in the Golgi apparatus. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.
Other Notes	Small volumes of anti-GOLGA4 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 GOLGA4 purchase	MBS9439221 is an antibody targeting GOLGA4. Also known as GOLGA4 Polyclonal Conjugated Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GOLGA4. It may not necessarily be applicable to this product.

NCBI GI #	6715600
NCBI GeneID	2803
NCBI Accession #	NP_002069.2
UniProt Primary Accession #	Q13439
UniProt Secondary Accession #	Q13270; Q13654; Q14436; Q59EW8; F8W8Q7
UniProt Related Accession #	Q13439
GenBank Nucleotide #	NM_002078.4
NCBI Official Full Name	Golgin subfamily A member 4 isoform 2
NCBI Official Synonym Full Names	golgin A4
NCBI Official Symbol	GOLGA4
NCBI Official Synonym Symbols	GCP2; GOLG; p230; CRPF46; MU-RMS-40.18
UniProt Protein Name	Golgin subfamily A member 4
UniProt Synonym Protein Names	256 kDa golgin; Golgin-245; Protein 72.1; Trans-Golgi p230
Protein Family	Golgin subfamily
UniProt Gene Name	GOLGA4
NCBI Protein Information	Golgin subfamily A member 4; golgin-240; golgin-245; 72.1 protein; protein 72.1; 256 kDa golgin; trans-Golgi p230; centrosome-related protein F46; golgi autoantigen, golgin subfamily a, 4
UniProt Comments for GOLGA4	Involved in vesicular trafficking at the Golgi apparatus level. May play a role in delivery of transport vesicles containing GPI-linked proteins from the trans-Golgi network through its interaction with MACF1. Involved in endosome-to-Golgi trafficking (PubMed:29084197).
Research Articles on GOLGA4	**1.** CD99 also binds p230/golgin-245, a coiled-coil protein that recycles between the cytosol and buds/vesicles of the TGN and which plays a fundamental role in trafficking transport vesicles.
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