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Anti-GRASP65 Rabbit Monoclonal Antibody

Catalog # ABO15295

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	Q9BQQ3
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-GRASP65 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

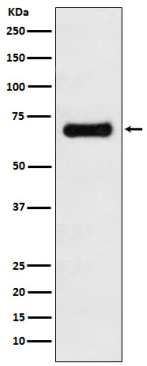
Gene ID	64689
Other Names	Golgi reassembly-stacking protein 1, Golgi peripheral membrane protein p65, Golgi phosphoprotein 5, GOLPH5, Golgi reassembly-stacking protein of 65 kDa, GRASP65, GORASP1, GOLPH5, GRASP65
Calculated MW	46482
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 18G71
Immunogen	A synthesized peptide derived from human GRASP65
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	GORASP1

Synonyms	GOLPH5, GRASP65
Function	Key structural protein of the Golgi apparatus (PubMed: 33301566). The membrane cisternae of the Golgi apparatus adhere to each other to form stacks, which are aligned side by side to form the Golgi ribbon (PubMed:33301566). Acting in concert with GORASP2/GRASP55, is required for the formation and maintenance of the Golgi ribbon, and may be dispensable for the formation of stacks (PubMed:33301566). However, other studies suggest that GORASP1 plays an important role in assembly and membrane stacking of the cisternae, and in the reassembly of Golgi stacks after breakdown during mitosis (By similarity). Caspase-mediated cleavage of GORASP1 is required for fragmentation of the Golgi during apoptosis (By similarity). Also mediates, via its interaction with GOLGA2/GM130, the docking of transport vesicles with the Golgi membranes (PubMed:16489344). Mediates ER stress-induced unconventional (ER/Golgi-independent) trafficking of core-glycosylated CFTR to cell membrane (PubMed:21884936).
Cellular Location	Golgi apparatus, cis-Golgi network membrane; Peripheral membrane protein; Cytoplasmic side. Endoplasmic reticulum- Golgi intermediate compartment membrane

Images



Western blot analysis of GRASP65 expression in MCF7 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.