

Product name:	GRASP55 Rabbit Polyclonal Antibody
Cat number:	ABN11747
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human GORASP2. AA range:181-230
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight:	47kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene encodes a member of the Golgi reassembly stacking protein family. These proteins may play a role in the stacking of Golgi cisternae and Golgi ribbon formation, as well as Golgi fragmentation during apoptosis or mitosis. The encoded protein also plays a role in the intracellular transport of transforming growth factor alpha and may function as a molecular chaperone. A pseudogene of this gene is located on the short arm of chromosome 2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011],function:May be involved in assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. May regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane Tgfa.,PTM:Myristoylated. Myristoylation is essential for the Golgi targeting.,PTM:Palmitoylated.,PTM:Phosphorylated in mitotic cells.,similarity:Belongs to the GORASP family.,similarity:Contains 1 PDZ (DHR) domain.,subunit:Forms a RAB2 effector complex with BLZF1/Golgin 45 in the medial Golgi. Interacts with members of the p24 cargo receptors. Interacts with CNIH and the cytoplasmic domain of transmembrane TGFA, prior its transit in the trans-Golgi. Does not interact with GM130.,