

ARG59523 anti-GORASP2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GORASP2
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GORASP2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 353-452 of Human GORASP2 (NP_056345.3).
Conjugation	Un-conjugated
Alternate Names	GRS2; Golgi reassembly-stacking protein of 55 kDa; Golgi phosphoprotein 6; GOLPH6; Golgi reassembly-stacking protein 2; GRASP55; p59

Application Instructions

Predict Reactivity Note	Rat						
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>ICC/IF</td><td>1:50 - 1:200</td></tr><tr><td>WB</td><td>1:500 - 1:2000</td></tr></tbody></table>	Application	Dilution	ICC/IF	1:50 - 1:200	WB	1:500 - 1:2000
Application	Dilution						
ICC/IF	1:50 - 1:200						
WB	1:500 - 1:2000						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						
Positive Control	Mouse liver and HeLa						
Observed Size	57 kDa						

Properties

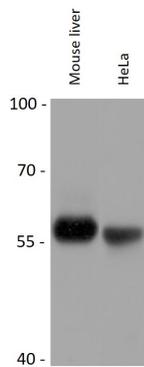
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GORASP2
Gene Full Name	golgi reassembly stacking protein 2, 55kDa
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	Plays a role in the 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. [UniProt]
Calculated Mw	47 kDa
PTM	Myristoylated. Myristoylation is essential for the Golgi targeting (By similarity). Palmitoylated. Phosphorylated in mitotic cells. [UniProt]
Cellular Localization	Golgi apparatus membrane; Lipid-anchor. Membrane; Peripheral membrane protein. Membrane; Lipid-anchor. [UniProt]

Images



ARG59523 anti-GORASP2 antibody WB image

Western blot: 25 µg of Mouse liver and HeLa cell lysates stained with ARG59523 anti-GORASP2 antibody at 1:1000 dilution.