

Product datasheet

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ARG59165 anti-GOLGA5 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes GOLGA5

Tested Reactivity Hu, Ms, Rat

Tested Application ICC/IF, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name GOLGA5

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-300 of Human GOLGA5 (NP_005104.3).

Conjugation Un-conjugated

Alternate Names Golgin subfamily A member 5; Protein Ret-II; ret-II; Golgin-84; RET-fused gene 5 protein; GOLIM5;

RFG5; Cell proliferation-inducing gene 31 protein

Application Instructions

Application table	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	HeLa	
Observed Size	100 kDa, 115 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 GOLGA5

Gene Full Name golgin A5

Background 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 is a coiled-coil membrane protein that has been postulated to play a role in vesicle tethering and docking. Translocations involving this gene and the ret proto-oncogene have been found in tumor tissues; the chimeric sequences have been designated RET-II and PTC5. A pseudogene

of this gene is located on the short arm of chromosome 5. [provided by RefSeq, Jul 2013]

Function Involved in maintaining Golgi structure. Stimulates the formation of Golgi stacks and ribbons. Involved

in intra-Golgi retrograde transport. [UniProt]

Calculated Mw 83 kDa

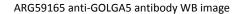
PTM Highly phosphorylated during mitosis. Phosphorylation is barely detectable during interphase. [UniProt]

Cellular Localization Golgi apparatus membrane; Single-pass type IV membrane protein. Note=Found throughout the Golgi,

both on cisternae and, at higher abundance, on the tubulo-vesicular structures of the cis-Golgi network.

[UniProt]

Images



Western blot: 25 μg of HeLa cell lysate stained with ARG59165 anti-GOLGA5 antibody at 1:1000 dilution.

