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anti-Golgin A2 (GOLGA2) antibody



Images



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Quantity:	60 μL
Target:	Golgin A2 (GOLGA2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human GM130 (NP_004477.3).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	Golgin A2 (GOLGA2)
Alternative Name:	GM130 (GOLGA2 Products)
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

Target Details

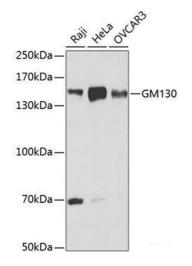
	golgins, a family of proteins localized to the Golgi. This encoded protein has been postulated to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined.
Molecular Weight:	Observed_MW: 145 kDa Calculated_MW: 70 kDa/113 kDa
Gene ID:	2801
UniProt:	Q08379
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only

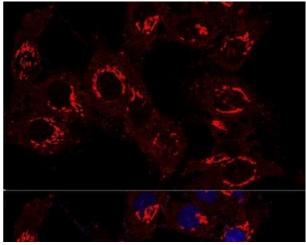
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



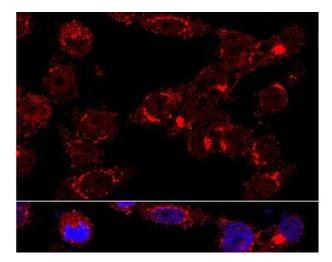
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using GM130 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 2. Confocal immunofluorescence analysis of Hela cells using GM130 Polyclonal Antibody at dilution of 1:400. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using GM130 Polyclonal Antibody at dilution of 1:400 (60x lens). Blue: DAPI for nuclear staining.