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## anti-Golgin A7 antibody (AA 51-137) (AbBy Fluor® 488)



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Quantity:	100 μL
Target:	Golgin A7 (GOLGA7)
Binding Specificity:	AA 51-137
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Golgin A7 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human GOLGA7
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Sheep
Purification:	Purified by Protein A.

#### **Target Details**

Target:	Golgin A7 (GOLGA7)
Alternative Name:	GOLGA7 (GOLGA7 Products)

### **Target Details**

Storage Comment:

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Background:	Synonyms: GCP 16, GCP16, GOLGA 7, GOLGA3AP1, GOLGA7A, Golgi autoantigen golgin
	subfamily a 7, Golgi complex associated protein of 16 kDa, Golgin A7, Golgin subfamily A
	member 7, HSPC041, MGC21096, MGC4876, GOGA7_HUMAN.
	Background: GOLGA7 is a multi-pass membrane protein belonging to the Erf4 family of
	proteins. It is the functional ortholog of the yeast Erf4 protein. Localizing to the Golgi apparatus,
	GOLGA7 is a widely expressed protein but its expression is absent from colon and thymus
	tissues. GOLGA7 is palmitoylated on two cysteine residues, and this palmitoylation is required
	for its interaction with golgin 160 and its Golgi-localization. GOLGA7 also forms a complex with
	ZDHHC9 and, together, these proteins function as a Ras palmitoyltransferase (Ras PAT) which
	is required for palmitoylation of H-Ras and N-Ras proteins. The palmitoylation of Ras proteins is
	essential for the trafficking of Ras proteins from the Golgi to the plasma membrane, thus
	implicating GOLGA7 in protein transport from the Golgi to the cell surface.
Gene ID:	51125
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C

Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date:

12 months