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Datasheet for ABIN1698506

anti-Golgin A7 antibody (AA 51-137) (AbBy Fluor® 647)

Overview

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® 647
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

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

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

Handling

Expiry Date: 12 months