

Datasheet for ABIN7599538
anti-GOLGA1 antibody (AA 1-752)



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Overview

Quantity:	100 µg
Target:	GOLGA1
Binding Specificity:	AA 1-752
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GOLGA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Golgin 97/GOLGA1 Antibody Picoband® (monoclonal, 8E4H1)
Immunogen:	E.coli-derived human Golgin 97/GOLGA1 recombinant protein (Position: M1-K752).
Clone:	8E4H1
Isotype:	IgG1
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Golgin 97/GOLGA1 Antibody Picoband® (monoclonal, 8E4H1) (ABIN7599538). Tested in Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: GOLGA1

Alternative Name: GOLGA1 ([GOLGA1 Products](#))

Background: Synonyms: ATP synthase D chain mitochondrial antibody|ATP synthase H⁺ transporting mitochondrial F1F0 subunit antibody|ATP synthase H⁺ transporting mitochondrial F1F0 subunit d antibody|ATP synthase subunit d antibody|ATP synthase subunit d, mitochondrial antibody|ATP synthase, H⁺ transporting, mitochondrial F0 complex, subunit d antibody|ATP5H antibody|ATP5H_HUMAN antibody|ATP5JD antibody|ATPase subunit d antibody|ATPQ antibody|mitochondrial antibody|My032 protein antibody

Tissue Specificity: Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

Background: Golgin subfamily A member 1 is a protein that in humans is encoded by the GOLGA1 gene. 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 encoded protein is associated with Sjogren's syndrome.

Molecular Weight: 97 kDa

Gene ID: 2800

UniProt: [Q92805](#)

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human

Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human

Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human

1. Griffith, K. J., Chan, E. K. L., Lung, C.-C., Hamel, J. C., Guo, X., Miyachi, K., Fritzler, M. J. Molecular cloning of a novel 97-Kd Golgi complex autoantigen associated with Sjogren's syndrome. Arthritis Rheum. 40: 1693-1702, 1997. 2. Lu, L., Tai, G., Hong, W. Autoantigen golgin-97, an effector of Arl1 GTPase, participates in traffic from the endosome to the trans-Golgi network. Molec. Biol. Cell 15: 4426-4443, 2004. 3. Wong, M., Munro, S. The specificity of vesicle

Application Details

traffic to the Golgi is encoded in the golgin coiled-coil proteins. Science 346: 1256898, 2014.
Note: Electronic Article.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.