

Datasheet for ABIN7599539  
**anti-GOLGA1 antibody (AA 1-752)**



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## Overview

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

## Product Details

Purpose:	Anti-Golgin 97/GOLGA1 Antibody Picoband®
Immunogen:	E.coli-derived human Golgin 97/GOLGA1 recombinant protein (Position: M1-K752).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Golgin 97/GOLGA1 Antibody Picoband® (ABIN7599539). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. 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.
Purification:	Immunogen affinity purified.

## Target Details

Target:	GOLGA1
Alternative Name:	GOLGA1 ( <a href="#">GOLGA1 Products</a> )
Background:	<p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>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.</p>
Molecular Weight:	88-97 kDa
Gene ID:	2800
UniProt:	<a href="#">Q92805</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>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 traffic to the Golgi is encoded in the golgin coiled-coil proteins. Science 346: 1256898, 2014.</p> <p>Note: Electronic Article.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
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## Handling

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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, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
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.