

For Research Use Only

# golgin 97 Polyclonal antibody

Catalog Number: 12640-1-AP **20 Publications**



## Basic Information

**Catalog Number:**

12640-1-AP

**Size:**

200 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3335

**GenBank Accession Number:**

BC032853

**GeneID (NCBI):**

2800

**UNIPROT ID:**

Q92805

**Full Name:**

golgi autoantigen, golgin subfamily a, 1

**Calculated MW:**

767 aa, 88 kDa

**Observed MW:**

97 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:16000

IF 1:500-1:2000

## Applications

**Tested Applications:**

FC, IF/ICC, WB, ELISA

**Cited Applications:**

WB, IP, IF, IHC

**Species Specificity:**

human

**Cited Species:**

human, mouse, monkey

**Positive Controls:**

**WB :** HEK-293 cells, SMMC-7721 cells, HeLa cells, HepG2 cells

**IF :** HeLa cells,

## Background Information

Golgin subfamily A member 1 is a protein that in humans is encoded by the GOLGA1 gene. GOLGA1 has been shown to interact with ARL1. GOLGA1 is associated with Sjogren's syndrome. The MW of this protein is 97 kDa, and Catalog#12640-1-AP specially recognises the 97 kDa protein. IF result shows strong Golgi staining.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mengyue You	36252341	Redox Biol	IF
Chengfeng Merriman	31591269	J Biol Chem	WB
Rachel E Turn	34818063	Mol Biol Cell	IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

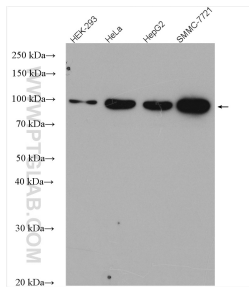
T: 4006900926

E: Proteintech-CN@ptglab.com

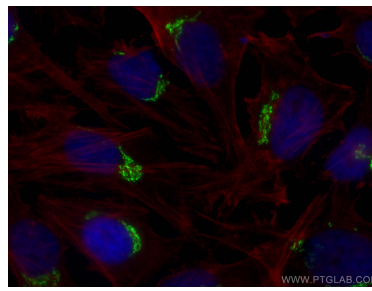
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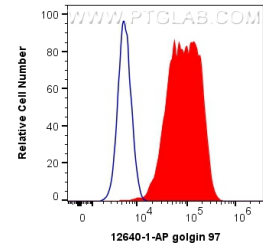
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12640-1-AP (golgin 97 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using golgin 97 antibody (12640-1-AP) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Anti-Human golgin 97 (12640-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).