

For Research Use Only

# Giantin Polyclonal antibody

Catalog Number: 22270-1-AP **6 Publications**



## Basic Information

**Catalog Number:**

22270-1-AP

**Size:**

800 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_004487

**GeneID (NCBI):**

2804

**UNIPROT ID:**

Q14789

**Full Name:**

golgin B1, golgi integral membrane protein

**Calculated MW:**

376 kDa

**Observed MW:**

376 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Cited Applications:**

IF, WB

**Species Specificity:**

human

**Cited Species:**

human, monkey

**Positive Controls:**

WB : HEK-293 cells, HeLa cells

IF : HepG2 cells, HeLa cells

## Background Information

Giantin is a conserved Golgi membrane protein containing a large cytoplasmic domain. It may function to form the intercisternal cross-bridges of the Golgi complex. Anti-Giantin has been widely used to label the Golgi apparatus.

## Notable Publications

Author	Pubmed ID	Journal	Application
Huiying Xue	28769563	Int J Nanomedicine	
Maryam Arab	36512212	Methods Mol Biol	WB
Jian Bao	34864680	J Alzheimers Dis	IF

## 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:

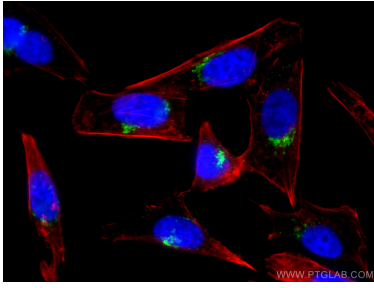
T: 4006900926

E: Proteintech-CN@ptglab.com

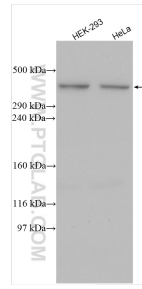
W: ptgcn.com

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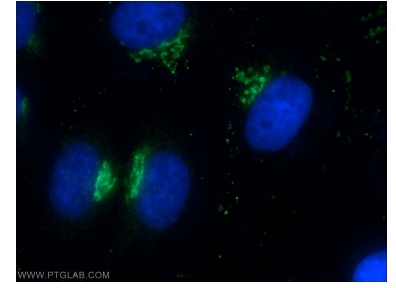
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Giantin antibody (22270-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 22270-1-AP (Giantin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 22270-1-AP (Giantin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).