

For Research Use Only

Giantin Polyclonal antibody

Catalog Number: 22270-1-AP **7 Publications**



Basic Information

Catalog Number: 22270-1-AP	GenBank Accession Number: NM_004487	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 2804	Recommended Dilutions: WB 1:500-1:1000 IHC 1:250-1:1000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q14789	
Isotype: IgG	Full Name: golgin B1, golgi integral membrane protein	
	Calculated MW: 376 kDa	
	Observed MW: 376 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells
Cited Applications: WB, IF	IHC : mouse kidney tissue,
Species Specificity: human	IF/ICC : HepG2 cells, HeLa cells
Cited Species: human, monkey	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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:

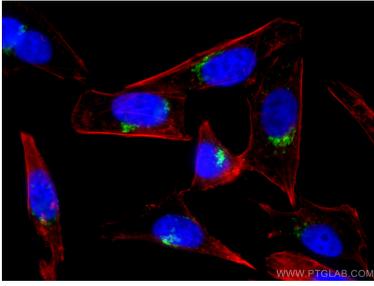
T: 4006900926

E: Proteintech-CN@ptglab.com

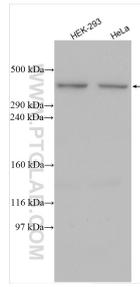
W: ptgcn.com

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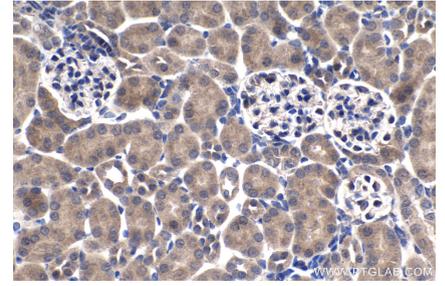
Selected Validation Data



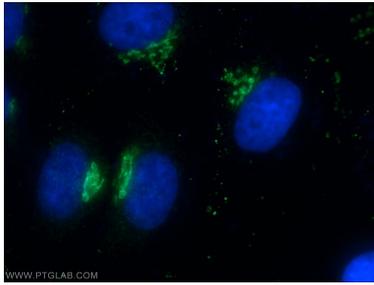
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Giantin antibody (22270-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



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.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 22270-1-AP (Giantin antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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