

For Research Use Only

GCC1 Polyclonal antibody

Catalog Number: 16271-1-AP **5 Publications**



Basic Information

Catalog Number: 16271-1-AP	GenBank Accession Number: BC014100	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79571	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: GRIP and coiled-coil domain containing 1	
Isotype: IgG	Calculated MW: 775 aa, 88 kDa	
Immunogen Catalog Number: AG9339	Observed MW: 105 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HeLa cells, mouse ovary tissue
Cited Applications: IF, WB	IHC : human liver tissue,
Species Specificity: human, mouse	IF : A431 cells,
Cited Species: human	

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

GCC1 (Golgi coiled coil protein 1), also known as GCC1P or GCC88, is a protein probably involved in maintaining Golgi structure. The MW of this protein is 105 kDa, and Catalog# 16271-1-AP specially recognises the 105 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Jianchao Zhang	35291301	bioRxiv	WB
Erpan Ahat	35780830	J Biol Chem	WB
Stephen C Ireland	32583744	Mol Biol Cell	WB

Storage

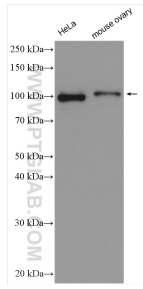
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

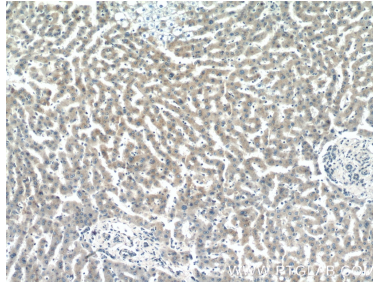
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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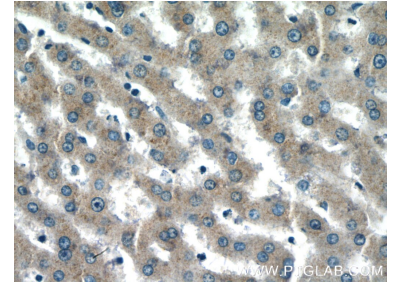
Selected Validation Data



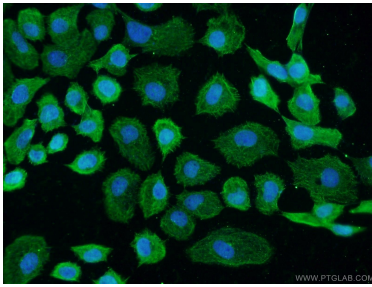
Various lysates were subjected to SDS PAGE followed by western blot with 16271-1-AP (GCC1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16271-1-AP (GCC1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16271-1-AP (GCC1 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of A431 cells using 16271-1-AP (GCC1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).