

For Research Use Only

GEMIN8 Polyclonal antibody

Catalog Number: 15251-1-AP **1 Publications**



Basic Information

Catalog Number: 15251-1-AP	GenBank Accession Number: BC003607	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54960	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: gem (nuclear organelle) associated protein 8	IHC 1:20-1:200 IF 1:20-1:200
Isotype: IgG	Calculated MW: 29 kDa	
Immunogen Catalog Number: AG6774	Observed MW: 32 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HepG2 cells, HEK-293 cells
Cited Applications: WB	IP : HepG2 cells,
Species Specificity: human	IHC : human liver cancer tissue,
Cited Species: human	IF : HepG2 cells,

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

GEMIN8, also named as FAM51A1 and Gemin-8, is associated with the SMN complex and is localized in the cytoplasm and in the nucleus, where it is highly concentrated in Gems. Gemin6, Gemin7, and Unrip form a stable cytoplasmic complex whose association with SMN requires Gemin8. Gemin8 binds directly to SMN and mediates its interaction with the Gemin6/Gemin7 heterodimer. This antibody recognize GEMIN8(28-32kd) only.

Notable Publications

Author	Pubmed ID	Journal	Application
Anne-Sophie Gribling-Burrer	28115638	Nucleic Acids Res	WB

Storage

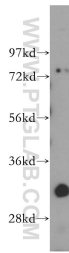
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

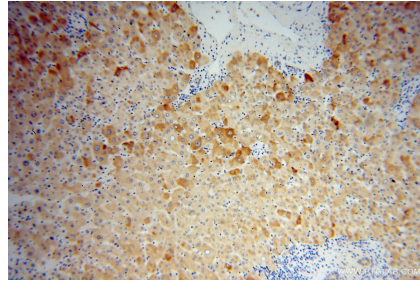
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

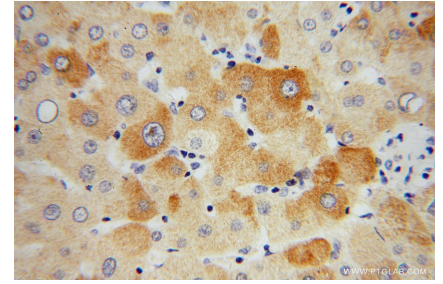
Selected Validation Data



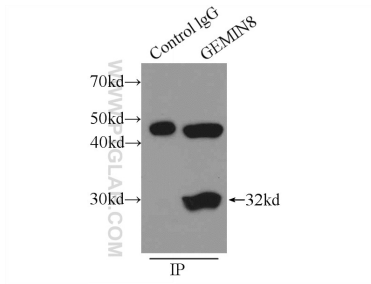
HepG2 cells were subjected to SDS PAGE followed by western blot with 15251-1-AP (GEMIN8 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



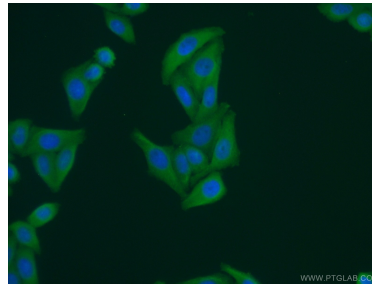
Immunohistochemical analysis of paraffin-embedded human liver cancer using 15251-1-AP (GEMIN8 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 15251-1-AP (GEMIN8 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-GEMIN8 (IP:15251-1-AP, 3ug; Detection:15251-1-AP 1:400) with HepG2 cells lysate 1720ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 15251-1-AP (GEMIN8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).