

For Research Use Only

GEMIN8 Polyclonal antibody

Catalog Number: 15251-1-AP 1 Publications



Basic Information

Catalog Number:

15251-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6774

GenBank Accession Number:

BC003607

GeneID (NCBI):

54960

UNIPROT ID:

Q9NWZ8

Full Name:

gem (nuclear organelle) associated protein 8

Calculated MW:

29 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

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

Positive Controls:

WB : HepG2 cells, HEK-293 cells

IP : HepG2 cells,

IHC : human liver cancer tissue,

IF : HepG2 cells,

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 recognizes 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

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

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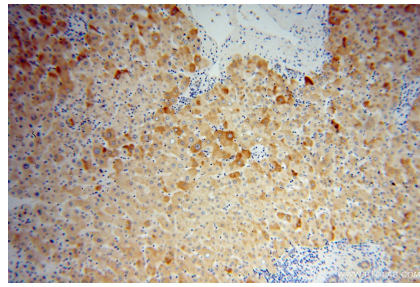
W: ptgcn.com

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

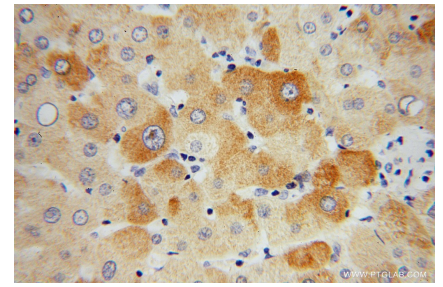
Selected Validation Data



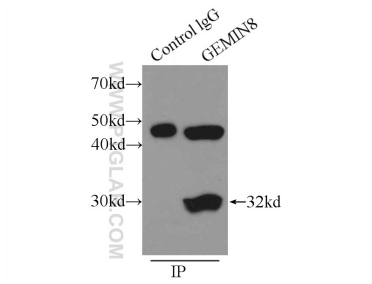
HepG2 cells were subjected to SDS PAGE followed by western blot with 15251-1-AP (GEMIN8 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



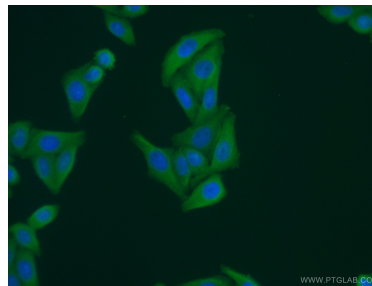
Immunohistochemical analysis of paraffin-embedded human liver cancer using 15251-1-AP (GEMIN8 antibody) at dilution of 1:50 (under 10x lens).



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).