

For Research Use Only

# FGL1 Polyclonal antibody

Catalog Number: 16000-1-AP

Featured Product

20 Publications



## Basic Information

### Catalog Number:

16000-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8581

### GenBank Accession Number:

BC007047

### GeneID (NCBI):

2267

### UNIPROT ID:

Q08830

### Full Name:

fibrinogen-like 1

### Calculated MW:

312 aa, 36 kDa

### Observed MW:

34 kDa, 68 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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:** human placenta tissue, human liver tissue, HepG2 cells, mouse thymus tissue

**IP:** HeLa cells,

**IHC:** human liver cancer tissue, human hepatocirrhosis tissue, mouse liver tissue

## Background Information

FGL1 is a 68 kDa protein that comprises two disulfide linked 34 kDa homodimers. FGL1 is a predominantly liver expressed protein that has been implicated as both a hepatoprotectant and a hepatocyte mitogen. FGL1 expression is decreased in hepatocellular carcinoma (HCC), and it may play a role in the development of hepatocellular carcinomas.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xue-Liang Sun	34629811	World J Gastroenterol	WB,IHC
Na-Kyung Han	31489941	Cells	IHC
Xi-Yang Tang	36268014	Front Immunol	WB,IHC

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

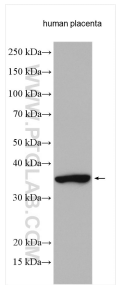
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

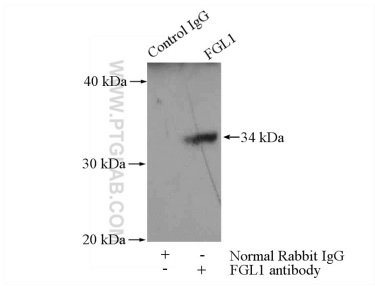
E: proteintech@ptglab.com  
W: ptglab.com

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

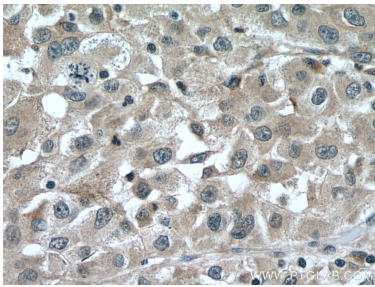
Selected Validation Data



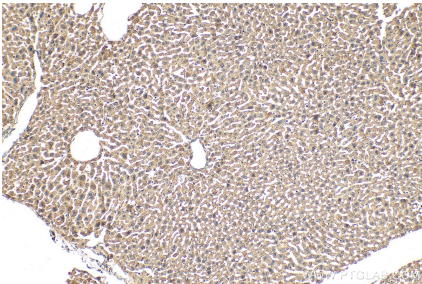
Human placenta tissue were subjected to SDS PAGE followed by western blot with 16000-1-AP (FGL1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



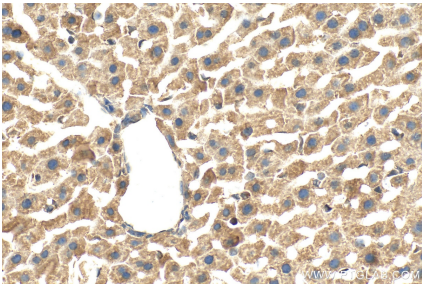
IP result of anti-FGL1 (IP:16000-1-AP, 4ug; Detection:16000-1-AP 1:500) with HeLa cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16000-1-AP (FGL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 16000-1-AP (FGL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 16000-1-AP (FGL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16000-1-AP (FGL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).