

For Research Use Only

# PIG3 Polyclonal antibody

Catalog Number: 14828-1-AP

3 Publications



## Basic Information

### Catalog Number:

14828-1-AP

### Size:

453 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6618

### GenBank Accession Number:

BC000474

### GeneID (NCBI):

9540

### UNIPROT ID:

Q53FA7

### Full Name:

tumor protein p53 inducible protein 3

### Calculated MW:

35 kDa

### Observed MW:

34-36 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:100-1:400

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF

### 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** : HeLa cells, HepG2 cells, MCF-7 cells, SMMC-7721 cells

**IP** : MCF-7 cells,

**IHC** : human liver cancer tissue,

**IF/ICC** : HepG2 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Rou Xie	34051669	Biomaterials	WB,IF
Ling Xu	39290961	Oncol Lett	WB
Yang Wang	38692134	Virology	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:

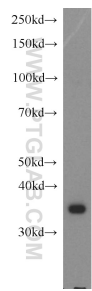
T: 4006900926

E: Proteintech-CN@ptglab.com

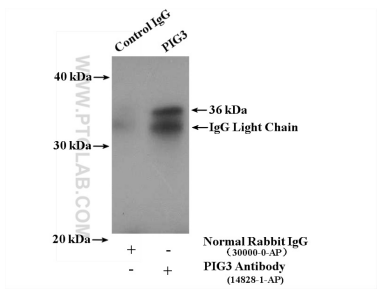
W: ptgcn.com

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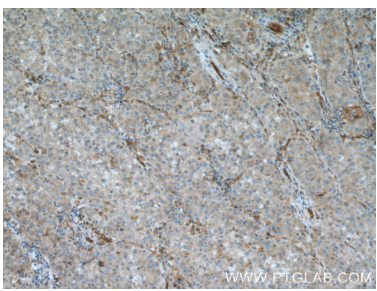
Selected Validation Data



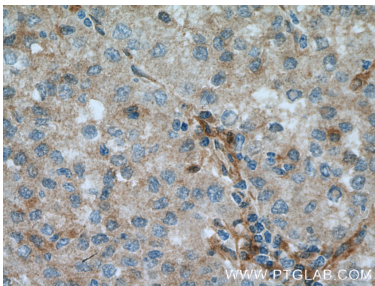
HeLa cells were subjected to SDS PAGE followed by western blot with 14828-1-AP (PIG3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



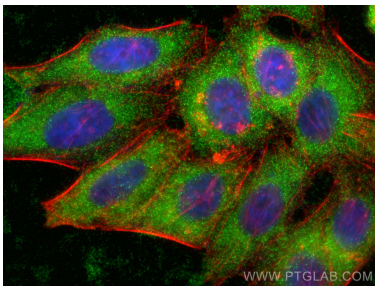
IP result of anti-PIG3 (IP:14828-1-AP, 4ug; Detection:14828-1-AP 1:500) with MCF-7 cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14828-1-AP (PIG3 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 human liver cancer tissue slide using 14828-1-AP (PIG3 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using PIG3 antibody (14828-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CLS94-phalloidin (red).