

For Research Use Only

# PI4KB Polyclonal antibody

Catalog Number: 13247-1-AP

9 Publications



## Basic Information

### Catalog Number:

13247-1-AP

### Size:

150ul, Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3989

### GenBank Accession Number:

BC040300

### GeneID (NCBI):

5298

### Full Name:

phosphatidylinositol 4-kinase, catalytic, beta

### Calculated MW:

801 aa, 90 kDa

### Observed MW:

100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

IF, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, rat, 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 : K-562 cells, NIH-3T3 cells (RNAi)

IP : K-562 cells,

IHC : human liver tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ying Gao	36280710	Cell Res	WB
Tao Wang	28985237	PLoS Pathog	WB
Yueyao Zhu	36169639	J Cell Biol	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)

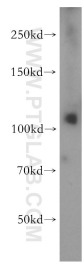
E: proteintech@ptglab.com  
W: ptglab.com

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

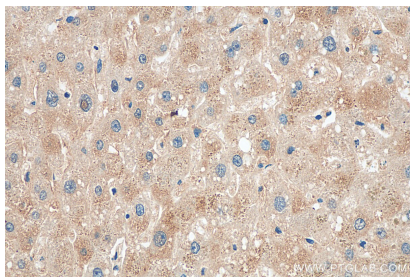
Selected Validation Data



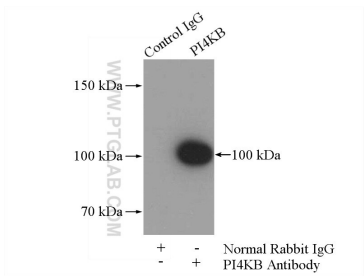
WB result of anti- PI4Kb (13247-1-AP) with NIH-3T3 cells (RNAi).



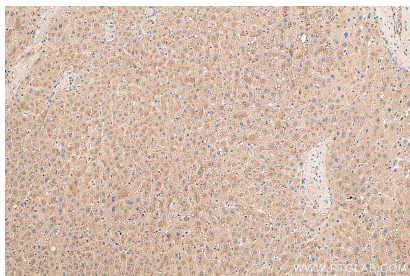
K-562 cells were subjected to SDS PAGE followed by western blot with 13247-1-AP (PI4KB antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13247-1-AP (PI4KB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-PI4KB (IP:13247-1-AP, 4ug; Detection:13247-1-AP 1:300) with K-562 cells lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13247-1-AP (PI4KB antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).