

# PHKG2 Polyclonal antibody

Catalog Number: 15109-1-AP

1 Publications

## Basic Information

### Catalog Number:

15109-1-AP

### Size:

150ul , Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6829

### GenBank Accession Number:

BC002541

### GeneID (NCBI):

5261

### Full Name:

phosphorylase kinase, gamma 2 (testis)

### Calculated MW:

46 kDa

### Observed MW:

46 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

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

for WB

IHC 1:50-1:500

IF 1:50-1:500

## Applications

### Tested Applications:

IF, IHC, IP, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

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 : HEK-293 cells, mouse testis tissue

IP : HEK-293 cells,

IHC : human liver cancer tissue,

IF : HEK-293 cells,

## Background Information

## Notable Publications

| Author        | Pubmed ID | Journal | Application |
|---------------|-----------|---------|-------------|
| Zhenkang Chen | 36598990  | Sci Adv | 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

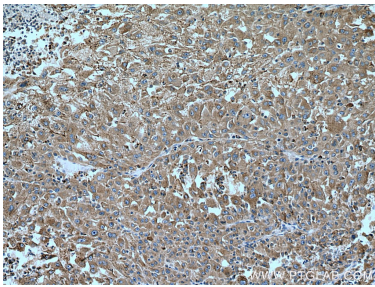
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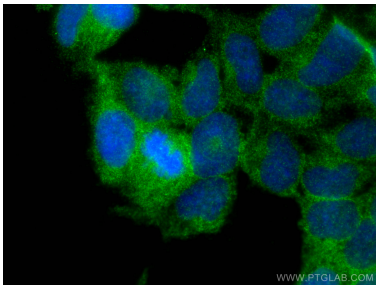
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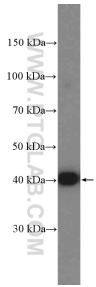
Selected Validation Data



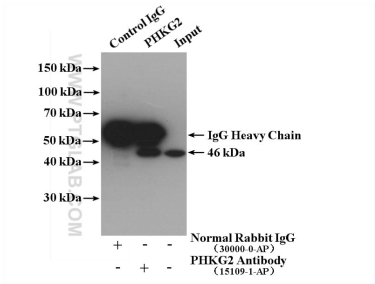
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15109-1-AP (PHKG2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using PHKG2 antibody (15109-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 15109-1-AP (PHKG2 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 15109-1-AP (PHKG2 antibody) at dilution of 1:300.