

For Research Use Only

# IP6K1 Polyclonal antibody

Catalog Number: 12057-2-AP

1 Publications



## Basic Information

Catalog Number:

12057-2-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2687

GenBank Accession Number:

BC012944

GeneID (NCBI):

9807

UNIPROT ID:

Q92551

Full Name:

inositol hexakisphosphate kinase 1

Calculated MW:

441 aa, 50 kDa

Observed MW:

54 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 1:50-1:500

## Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

pig

**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:** A375 cells, human liver tissue, human kidney tissue, Hela cells, HepG2 cells

**IP:** mouse kidney tissue,

**IHC:** human colon cancer tissue, human lung cancer tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Agus Suryawan	36402914	Pediatr 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:

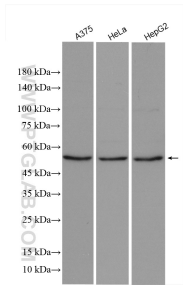
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

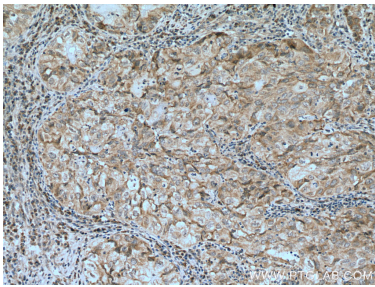
W: [ptgcn.com](http://ptgcn.com)

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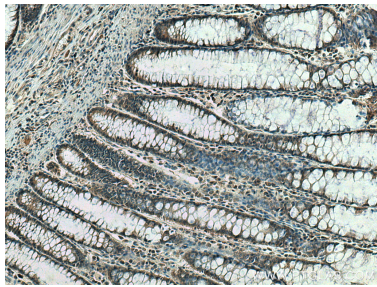
Selected Validation Data



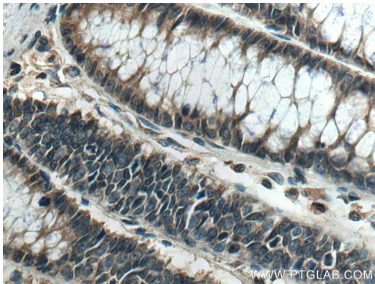
Various lysates were subjected to SDS PAGE followed by western blot with 12057-2-AP (IP6K1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



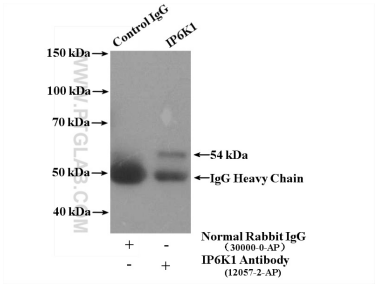
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12057-2-AP (IP6K1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12057-2-AP (IP6K1 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 colon cancer tissue slide using 12057-2-AP (IP6K1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-IP6K1 (IP:12057-2-AP, 4ug; Detection:12057-2-AP 1:300) with mouse kidney tissue lysate 3000 ug.