

For Research Use Only

PIP5K1B Polyclonal antibody

Catalog Number: 12541-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

12541-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3261

GenBank Accession Number:

BC030587

GeneID (NCBI):

8395

UNIPROT ID:

O14986

Full Name:

phosphatidylinositol-4-phosphate 5-kinase, type I, beta

Calculated MW:

549 aa, 62 kDa

Observed MW:

62 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB

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 testis tissue, human brain tissue

IP: mouse testis tissue,

IHC: human lung tissue, human heart tissue, human kidney tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Caitlin A Sengelaub	26620550	EMBO J	WB
Jaerak Chang	25365221	J Clin Invest	WB
Takashi Baba	30867165	EMBO J	

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:

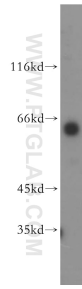
T: 4006900926

E: Proteintech-CN@ptglab.com

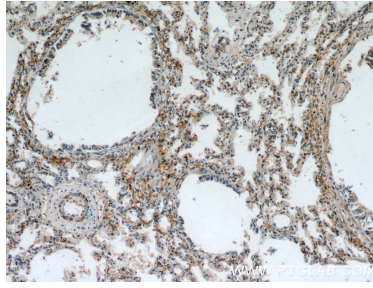
W: ptgcn.com

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

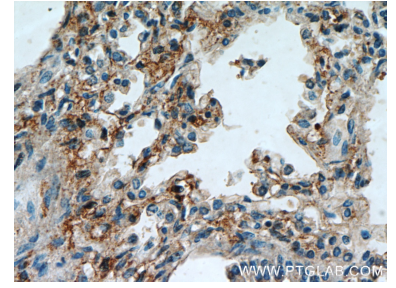
Selected Validation Data



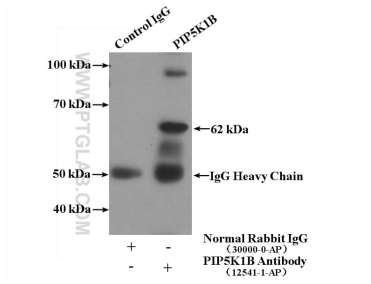
human testis tissue were subjected to SDS PAGE followed by western blot with 12541-1-AP (PIP5K1B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung using 12541-1-AP (PIP5K1B antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung using 12541-1-AP (PIP5K1B antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-PIP5K1B (IP:12541-1-AP, 4ug; Detection:12541-1-AP 1:500) with mouse testis tissue lysate 4000ug.