

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:

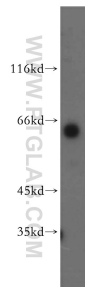
T: 4006900926

E: Proteintech-CN@ptglab.com

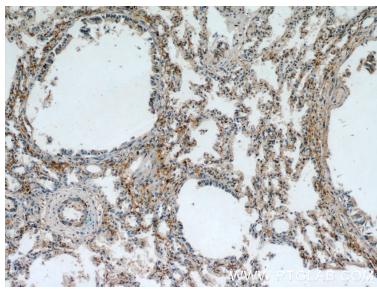
W: ptgcn.com

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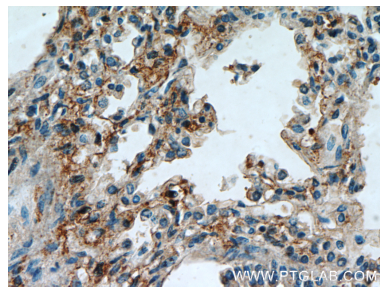
Selected Validation Data



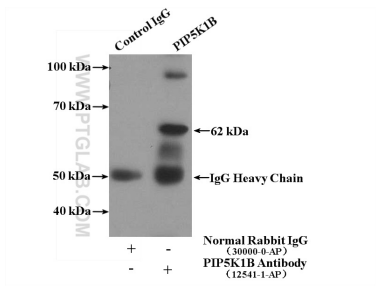
human testis tissue were subjected to SDS PAGE followed by western blot with 12541-1-AP (PIP5K1B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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.