

A7749

Leader in Biomolecular Solutions for Life Science



# PIP5K1B Rabbit pAb

Catalog No.: A7749

## Basic Information

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### Observed MW

71kDa

### Calculated MW

61kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

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Predicted to enable 1-phosphatidylinositol-4-phosphate 5-kinase activity. Predicted to be involved in regulation of phosphatidylinositol 3-kinase signaling. Predicted to act upstream of or within phosphatidylinositol biosynthetic process. Located in uropod.

## Recommended Dilutions

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**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

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### Gene ID

8395

### Swiss Prot

O14986

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

MSS4; STM7; PIP5K1B

## Contact

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 [www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

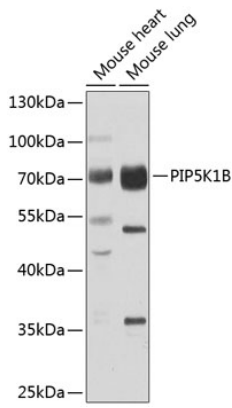
Affinity purification

### Storage

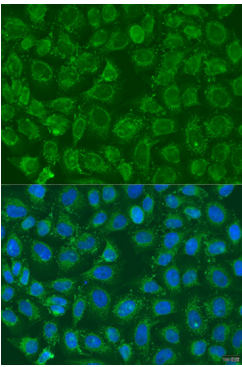
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

## Validation Data



Western blot analysis of various lysates using PIP5K1B Rabbit pAb (A7749) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunofluorescence analysis of U2OS cells using PIP5K1B Rabbit pAb (A7749) at dilution of 1:100.  
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.