

# PIP5K1B Rabbit pAb

Catalog No.: A7749

## Basic Information

### Observed MW

71kDa

### Calculated MW

61kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

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

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

8395

### Swiss Prot

O14986

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 190-470 of human PIP5K1B (NP\_003549.1).

### Synonyms

MSS4; STM7; PIP5K1B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

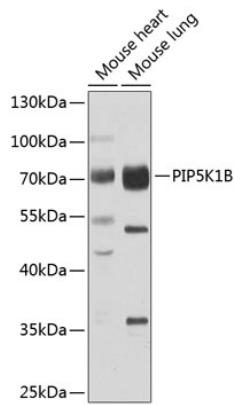
### Storage

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

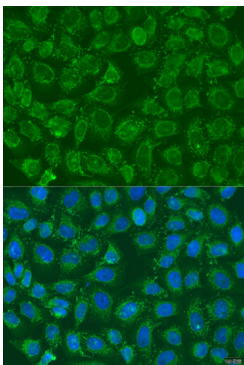
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using PIP5K1B antibody (A7749) at 1:1000 dilution.  
Secondary antibody: HRP 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 antibody (A7749) at dilution of 1:100. Blue: DAPI for nuclear staining.