

A16416

Leader in Biomolecular Solutions for Life Science



## PI4KB Rabbit pAb

Catalog No.: A16416

### Basic Information

#### Observed MW

91kDa

#### Calculated MW

91kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse

### Background

Enables 1-phosphatidylinositol 4-kinase activity and 14-3-3 protein binding activity. Predicted to be involved in phosphatidylinositol phosphate biosynthetic process and phosphatidylinositol-mediated signaling. Located in Golgi membrane.

### Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

### Immunogen Information

#### Gene ID

5298

#### Swiss Prot

Q9UBF8

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 560-801 of human PI4KB (NP\_001185702).

#### Synonyms

NPIK; DFNA87; PI4K92; PIK4CB; PI4KIII; PI4KBETA; PI4K-BETA; PI4KIIIBETA; PI4KB

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

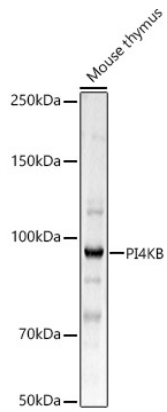
Affinity purification

#### Storage

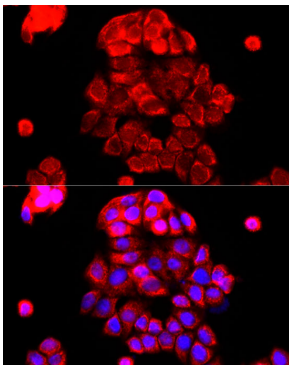
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

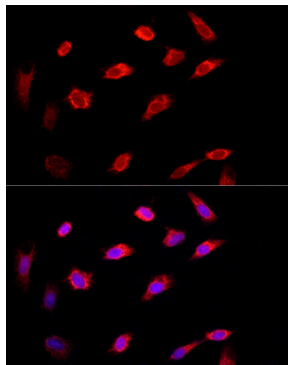
## Validation Data



Western blot analysis of Mouse thymus, using PI4KB antibody (A16416) at 1:2000 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: 0.8s.



Immunofluorescence analysis of MCF7 cells using PI4KB Rabbit pAb (A16416) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using PI4KB Rabbit pAb (A16416) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.