

# PPM1K Rabbit pAb

Catalog No.: A16602 **2 Publications**

## Basic Information

### Observed MW

36kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the PPM family of Mn<sup>2+</sup>/Mg<sup>2+</sup>-dependent protein phosphatases. The encoded protein, essential for cell survival and development, is targeted to the mitochondria where it plays a key role in regulation of the mitochondrial permeability transition pore.

## Recommended Dilutions

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

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

## Immunogen Information

### Gene ID

152926

### Swiss Prot

Q8N3J5

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 89-351 of human PPM1K (NP\_689755.3).

### Synonyms

BDP; PTMP; PP2Cm; MSUDMV; PP2Ckappa; UG0882E07; PPM1K

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

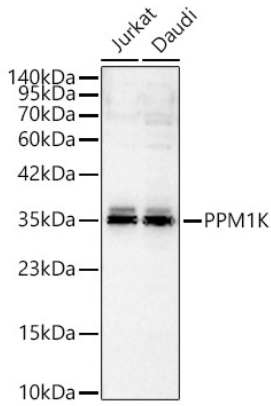
Affinity purification

### Storage

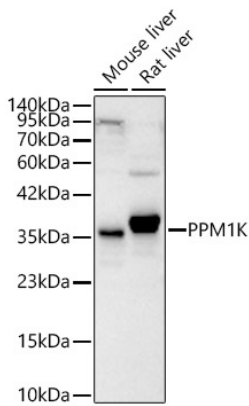
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates, using PPM1K Rabbit pAb (A16602) 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: 60s.



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