

# PPP3CB Rabbit pAb

Catalog No.: A3629

## Basic Information

### Observed MW

69kDa

### Calculated MW

59kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

Enables several functions, including calmodulin binding activity; calmodulin-dependent protein phosphatase activity; and protein phosphatase 2B binding activity. Involved in calcineurin-NFAT signaling cascade; positive regulation of transcription by RNA polymerase II; and protein dephosphorylation. Located in cytoplasm. Part of calcineurin complex. Implicated in aortic valve stenosis. Biomarker of focal segmental glomerulosclerosis and schizophrenia.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

5532

### Swiss Prot

P16298

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 286-525 of human PPP3CB (NP\_001135825.1).

### Synonyms

CNA2; CALNB; CALNA2; PP2Bbeta; PPP3CB

## Contact

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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

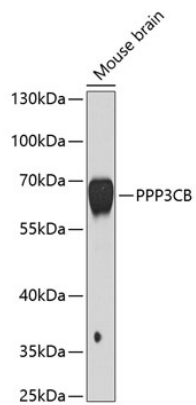
### Storage

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

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

## Validation Data

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Western blot analysis of extracts of mouse brain, using PPP3CB antibody (A3629) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.