

A3629

Leader in Biomolecular Solutions for Life Science



PPP3CB Rabbit pAb

Catalog No.: A3629

Basic Information

Observed MW

69kDa

Calculated MW

59kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

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

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

Immunogen Information

Gene ID

5532

Swiss Prot

P16298

Immunogen

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

Synonyms

CNA2; CALNB; CALNA2; PP2Bbeta; PPP3CB

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

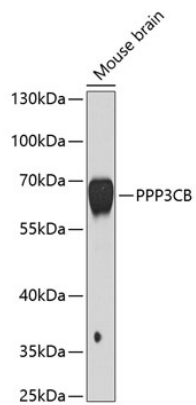
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of lysates from mouse brain, using PPP3CB Rabbit pAb (A3629) 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: 5s.