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PPP3CA

Reactivity: Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:61kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PPP3CA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

i

Synonym:

PPP3CA;CALN;CALNA;CALNA1;CCN1;CNA1;PPP2B ;

Catalog #:A1063

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5530

Isotype: IgG

Swiss Prot:Q08209

Purity: Affinity purification

For research use only.

Background:

In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunit have been identified, designated PP1, PP2A, PP2B and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4), is a putative member of a novel PP family. The PP2B family comprises subfamily members PP2B-Aå, PP2B-A and PP2B-A©. Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.

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