



PPP3CA Antibody

#24351

Catalog Number: 24351-1, 24351-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. :Q08209

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human PPP3CA

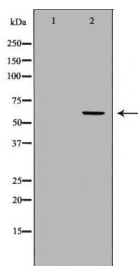
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: PPP3CA Antibody detects endogenous levels of total PPP3CA

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 61kd WB: 1:500-2000 IHC: 1:50-200



Western blot analysis of extracts of various cell lines, using PPP3CA antibody.

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-A?, PP2B-A] and PP2B-A?. Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.