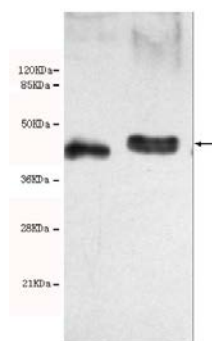




PPP1CA Antibody

E230001

Catalog Number	E230001-1, E230001-2
Amount	50µg/50µl, 100µg/100µl
Description	Rabbit polyclonal IgG to PPP1CA
GeneBank ID	NM_001008709.1
Immunogen	Recombinant fragment of human PPP1CA (N-terminus).
Reacts with	Hu
Tested applications	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/5000 - 1/10000.
Cellular localization	Cytoplasmic
Relevance	The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Increased PP1 activity has been observed in the end stage of heart failure. Studies in both human and mice suggest that PP1 is an important regulator of cardiac function.
Purity	Protein G-Sepharose affinity purified.
Storage buffer	Preservative: 0.02% Sodium Azide and 50% glycerol, 1% BSA, PBS, pH7.4.
Form	Liquid
Storage instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.



PPP1CA antibody (E230001) at 1/5000 dilution. Lane1:MCF7 Whole cell lysate 30ug. Lane2: Jurkat Whole cell lysate 30ug. Predicted band size: 40kDa. Observed band size: 45kDa.

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