

PPP1CB Polyclonal Antibody

Catalog No. E-AB-60179

Note: Centrifuge before opening to ensure complete recovery of vial contents.

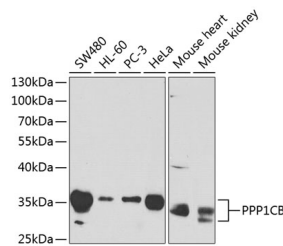
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein of human PPP1CB (NP_002700.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

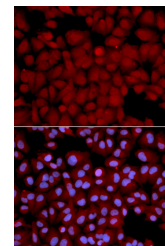
WB 1:500-1:2000 IF
1:50-1:200

Data



Western blot analysis of extracts of various cell lines using PPP1CB Polyclonal Antibody at dilution of 1:1000.

Observed Mw:30-35kDa
Calculated Mw:37kDa



Immunofluorescence analysis of U2OS cells using PPP1CB Polyclonal Antibody

Preparation & Storage

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

Background

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. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants encoding distinct isoforms have been observed.

For Research Use Only