

Recombinant PP1C beta Monoclonal Antibody

Catalog Number:E-AB-81598



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

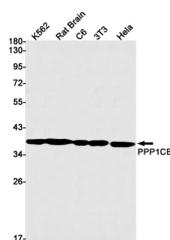
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human PPP1CB
Host	Rabbit
Isotype	IgG
Clone	R09-6B7
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

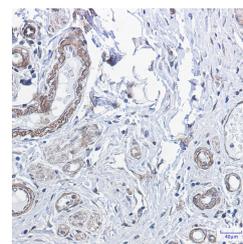
WB	1:1000-1:3000
IHC	1:50-1:100
IF	1:50-1:100

Data

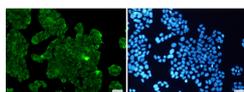


Western blot detection of PPP1CB in K562,Rat Brain,C6,3T3,Hela cell lysates using PPP1CB Rabbit mAb(1:1000 diluted).Predicted band size:37kDa.Observed band size:37kDa.

Observed Mw:37kDa
Calculated Mw:37kDa



Immunohistochemistry of PPP1CB in paraffin-embedded Human colon cancer tissue using PPP1CB Rabbit mAb at dilution 1:100



Immunofluorescence of PPP1CB(green) in Hela cells using PPP1CB Rabbit mAb at dilution 1:50, and DAPI(blue)

Preparation & Storage

For Research Use Only

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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.

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