

Product Name: PP1C beta Rabbit Monoclonal Antibody
Catalog #: AMRe02465



Summary

Production Name	PP1C beta Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	PPP1CB
Alternative Names	PPP1CB; Serine/threonine-protein phosphatase PP1-beta catalytic subunit; PP-1B; PPP1CD
Gene ID	5500
SwissProt ID	P62140.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa

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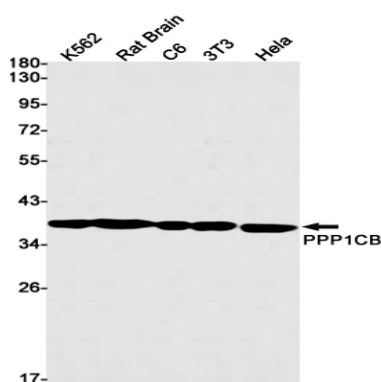
Background

Protein phosphatase that associates with over 200 regulatory proteins to form highly specific holoenzymes which dephosphorylate hundreds of biological targets. Protein phosphatase (PP1) is essential for cell division, it participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis.

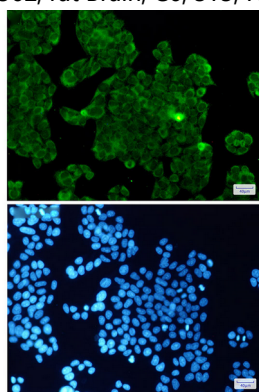
Research Area

Cell Biology

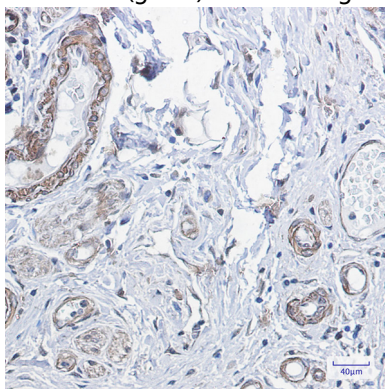
Image Data



Western blot analysis of PPP1CB in K562, rat Brain, C6, 3T3, HeLa lysates using PP1C beta antibody.



Immunocytochemistry analysis of PPP1CB(green) in HeLa using PPP1CB antibody, and DAPI(blue)



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Immunohistochemistry analysis of paraffin-embedded Human colon cancer using PPP1CB antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.