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

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.54mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 37 kDa; Observed MW: 37 kDa

**Antigen Information**

<b>Gene Name</b>	PPP1CB
<b>Alternative Names</b>	PPP1CB; Serine/threonine-protein phosphatase PP1-beta catalytic subunit; PP-1B; PPP1CD
<b>Gene ID</b>	5500
<b>SwissProt ID</b>	P62140
<b>Immunogen</b>	A synthetic peptide of human Protein Phosphatase 1 beta

**Background**

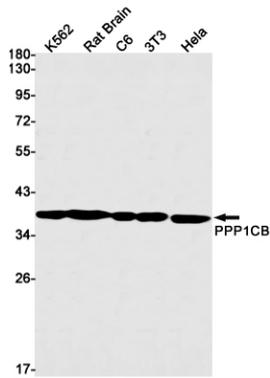
Protein phosphatase that associates with over 200 regulatory proteins to form highly specific holoenzymes which dephosphorylate hundreds of biological targets. Protein phosphatase (PP1) is essential for cell division, it participates in the

regulation of glycogen metabolism, muscle contractility and protein synthesis.

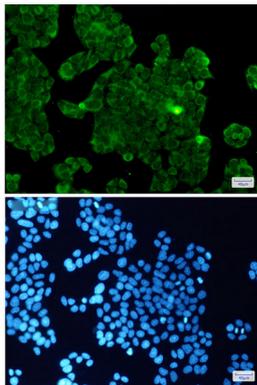
## Research Area

Cell Biology

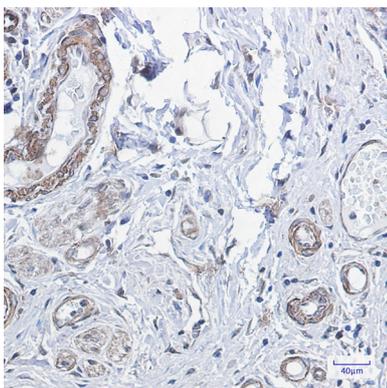
## Image Data



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)



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.