

PP1C beta Monoclonal Antibody | anti-PP1Cbeta antibody

PP1C beta Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314441	Recombinant Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

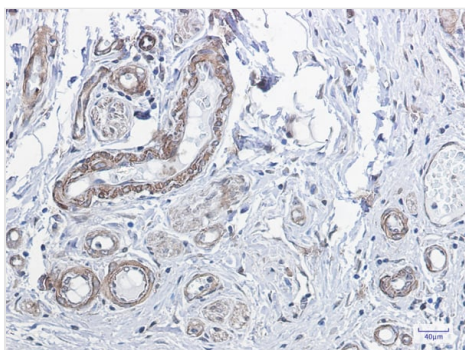
PRODUCT SYNONYMS

PP1C beta; Monoclonal Antibody; PP1C beta Rabbit mAb; PP1B; NSLH2; PP-1B; PPP1CD; PP1beta; HEL-S-80p; anti-PP1Cbeta antibody

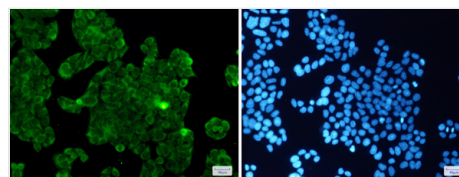
PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S09-6B7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-PP1Cbeta antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human PPP1CB
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

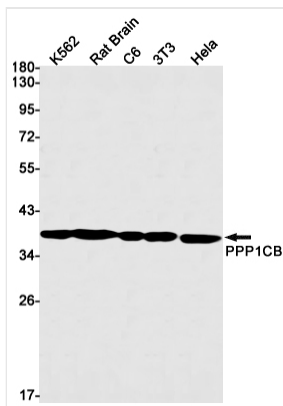
IMAGES


IHC (Immunohistochemistry)

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


ICC (Immunocytochemistry)

Immunocytochemistry of PPP1CB(green) in HeLa cells using PPP1CB Rabbit mAb at dilution 1/50, and DAPI(blue)



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-PP1Cbeta antibody	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. Involved in regulation of ionic conductances and long-term synaptic plasticity. Component of the PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase. In balance with CSNK1D and CSNK1E, determines the circadian period length, through the regulation of the speed and rhythmicity of PER1 and PER2 phosphorylation. May dephosphorylate CSNK1D and CSNK1E. Dephosphorylates the 'Ser-418' residue of FOXP3 in regulatory T-cells (Treg) from patients with rheumatoid arthritis, thereby inactivating FOXP3 and rendering Treg cells functionally defective (PubMed:23396208).
Product Categories/Family for anti-PP1Cbeta antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	49065814
NCBI GeneID	5500
UniProt Accession #	P62140 ; P37140 ; Q5U087 ; Q6FG45 ; B2R5V4 ; D6W565
Molecular Weight	327
NCBI Official Full Name	Serine/threonine-protein phosphatase PP1-beta catalytic subunit
NCBI Official Synonym Full Names	protein phosphatase 1, catalytic subunit, beta isozyme
NCBI Official Symbol	PPP1CB
NCBI Official Synonym Symbols	PP1B; PP-1B; PPP1CD; PP1beta; HEL-S-80p
NCBI Protein Information	serine/threonine-protein phosphatase PP1-beta catalytic subunit; protein phosphatase 1-beta; protein phosphatase 1-delta; epididymis secretory sperm binding protein Li 80p; protein phosphatase 1, catalytic subunit, beta isoform; protein phosphatase 1, cat
UniProt Protein Name	Serine/threonine-protein phosphatase PP1-beta catalytic subunit
UniProt Gene Name	PPP1CB
UniProt Synonym Gene Names	PP-1B; PPP1CD
UniProt Entry Name	PP1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/pp1c-beta-antibody-clone-s09-6b7-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314441>