

Rabbit PP1C beta Monoclonal Antibody | anti-PP1Cbeta antibody

Recombinant PP1C beta Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178874	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

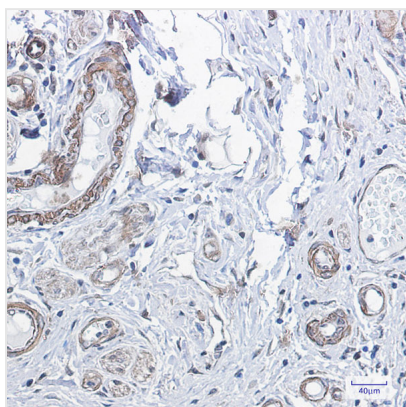
PRODUCT SYNONYMS

PP1C beta; Monoclonal Antibody; Recombinant PP1C beta Monoclonal Antibody; MGC3672; PP 1B; PP-1B; PP1B; PP1beta; PPP1CB; PPP1CD; Protein phosphatase 1 beta; Protein phosphatase 1 catalytic subunit beta isoform; Protein phosphatase 1 delta; Protein phosphatase 1; catalytic subunit; beta isozyme; delta isoform; Serine threonine protein phosphatase PP1 beta catalytic subunit; Serine/threonine-protein phosphatase PP1-beta catalytic subunit; anti-PP1Cbeta antibody

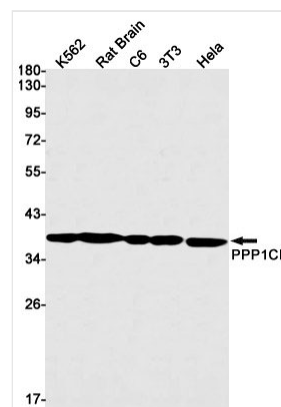
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R09-6B7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-PP1Cbeta antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human PPP1CB
Research Area	Cancer, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

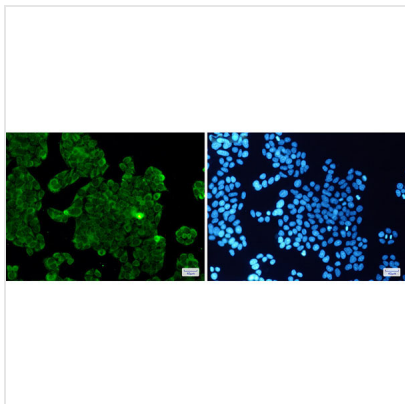
IMAGES


IHC (Immunohistochemistry)

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


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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-PP1Cbeta antibody	The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is 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.
Product Categories/Family for anti-PP1Cbeta antibody	Antibodies; Primary Antibodies; Recombinant 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.