

Rabbit PPP1CB Polyclonal Antibody | anti-PPP1CB antibody

PPP1CB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305306	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PPP1CB; Polyclonal Antibody; PPP1CB Antibody; MGC3672; PP-1B; PPP1CD; anti-PPP1CB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PPP1CB protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	327
Applicable Applications for anti-PPP1CB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PPP1CB.
Target Name	PPP1CB
Preparation and Storage	Store at -20 degree C

IMAGES



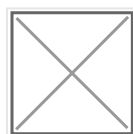
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PPP1CB antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer using PPP1CB antibody at dilution of 1:200 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPP1CB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CB antibody	Protein phosphatase 1 (PP1) is the main eukaryotic protein serine/threonine phosphatase that regulates an enormous variety of cellular processes including protein-protein interactions, gene transcription, cell-cycle progression and apoptosis. It is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. The catalytic subunit of PP1 (PP1c) can interact with amount of regulatory subunits in vivo that target it to particular subcellular locations and regulate its activity towards specific substrates. PPP1CB migrated as a 37kd protein on SDS page.
Product Categories/Family for anti-PPP1CB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506005
NCBI GeneID	5500
NCBI Accession #	NP_002700.1
NCBI GenBank Nucleotide #	NM_002709.2
UniProt Accession #	P62140; P37140; Q5U087; Q6FG45; B2R5V4; D6W565
Molecular Weight	37,187 Da
NCBI Official Full Name	serine/threonine-protein phosphatase PP1-beta catalytic subunit isoform 1
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp1cb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305306>