

Rabbit PPP2CB Polyclonal Antibody | anti-PPP2CB antibody

PPP2CB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326922	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PPP2CB; Polyclonal Antibody; PPP2CB Antibody; PP2A A; PP2A alpha; PP2A B; PP2A beta; PP2A-alpha; PP2AA_HUMAN; PP2Ac; PP2CB; PPP2CA; Protein phosphatase 2 catalytic subunit alpha isoform; Protein phosphatase 2 catalytic subunit beta isoform; Replication protein C; RP C; RP-C; Serine/threonine protein phosphatase 2A catalytic subunit alpha isoform; Serine/threonine protein phosphatase 2A catalytic subunit beta isoform; Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; anti-PPP2CB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PPP2CB Antibody detects endogenous levels of total PPP2CB.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PPP2CB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PPP2CB,corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



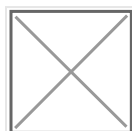
IHC (Immunohistochemistry)

AAA326922 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of Jurkat, using PPP2CB antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA326922 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600 was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2CB antibody	This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thrphosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes a beta isoform of the catalytic subunit.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57222565
NCBI GeneID	5516
NCBI Accession #	NP_001009552.1
NCBI GenBank Nucleotide #	NM_001009552.1
UniProt Accession #	P62714; P11082; Q6FHK5; D3DSV4
Molecular Weight	36kDa
NCBI Official Full Name	serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
NCBI Official Synonym Full Names	protein phosphatase 2 catalytic subunit beta
NCBI Official Symbol	PPP2CB
NCBI Official Synonym Symbols	PP2CB; PP2Abeta
NCBI Protein Information	serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
UniProt Gene Name	PPP2CB
UniProt Synonym Gene Names	PP2A-beta

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.