

Rabbit anti-Human PPP2R3B Polyclonal Antibody | anti-PPP2R3B antibody

PPP2R3B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325133	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

PPP2R3B; Polyclonal Antibody; PPP2R3B Antibody; NY REN 8; NY REN 8 antigen; P2R3B_HUMAN; PP2A B" subunit PR48; PP2A subunit B isoform PR48; PP2A subunit B PR48 isoform; PPP2R3L; PPP2R3LY; PR 48; PR48; Protein phosphatase 2 (formerly 2A) regulatory subunit B" beta; Protein phosphatase 2 regulatory subunit B" beta; Protein phosphatase 2A 48 kDa regulatory subunit; Serine/threonine protein phosphatase 2A 48kDa regulatory subunit B; Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit beta; anti-PPP2R3B antibody

PRODUCT SPECIFICATIONS

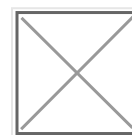
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	PPP2R3B antibody detects endogenous levels of total PPP2R3B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	575
Applicable Applications for anti-PPP2R3B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Zebrafish, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (89%), Chicken (100%), Xenopus (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325133 staining HepG2 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) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using P2R3B antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R3B antibody	Function: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. Subunit Structure: PP2A consists of a common heterodimeric core enzyme, composed of a 36 kDa catalytic subunit (subunit C) and a 65 kDa constant regulatory subunit (PR65 or subunit A), that associates with a variety of regulatory subunits. Proteins that associate with the core dimer include three families of regulatory subunits B (the R2/B/PR55/B55, R3/B"/PR72/PR130/PR59 and R5/B'/B56 families), the 48 kDa variable regulatory subunit, viral proteins, and cell signaling molecules. Interacts with N-terminal region of CDC6.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33695078
NCBI GeneID	28227
NCBI Accession #	NP_037371.2
NCBI GenBank Nucleotide #	NM_013239.4
UniProt Accession #	Q9Y5P8; Q6P4G9; Q7RTT1; Q96H01
Molecular Weight	Observed: 70 kD Predicted: 66 kDa
NCBI Official Full Name	serine/threonine-protein phosphatase 2A regulatory subunit B" subunit beta
NCBI Official Synonym Full Names	protein phosphatase 2 regulatory subunit B"beta
NCBI Official Symbol	PPP2R3B
NCBI Official Synonym Symbols	PR48; PR70; NYREN8; PPP2R3L; PPP2R3LY
NCBI Protein Information	serine/threonine-protein phosphatase 2A regulatory subunit B" subunit beta
UniProt Protein Name	Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit beta
UniProt Gene Name	PPP2R3B
UniProt Synonym Gene Names	PPP2R3L

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.