

Datasheet for ABIN2790274
anti-PPP1CB antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PPP1CB
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1CB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PPP1CB
Sequence:	LFSAPNYCGE FDNAGGMMSV DETLMCSFQI LKPSEKKAKY QYGGLNSGRP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 86%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PPP1CB. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PPP1CB
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Target Details

Alternative Name:	PPP1CB (PPP1CB Products)
Background:	<p>The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a 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.</p> <p>Alias Symbols: MGC3672, PP-1B, PP1beta, PPP1CD</p> <p>Protein Interaction Partner: PPP1R3C, PPP1R2P3, PPP1R16A, CSRNP2, SH2D4A, UBC, TP53BP2, SUMO2, SUMO3, NUA1, EED, DENR, MVK, EEF1A1, DHX15, PAN2, RHO, ZFYVE9, MDM4, KAT8, WDR5, PAPOLA, OGT, AURKA, PPP1CA, HCFC1, CUL3, PTK2, MAX, LBR, HSPA4, CDKN2A, CDC34, CCND3, CCNB1, BCL2, CCND1, S</p> <p>Protein Size: 327</p>
Molecular Weight:	37 kDa
Gene ID:	5500
NCBI Accession:	NM_002709 , NP_002700
UniProt:	P62140
Pathways:	M Phase , Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process , Lipid Metabolism

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 327 AA
Restrictions:	For Research Use only

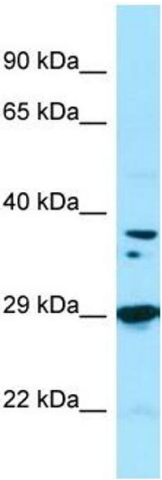
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PPP1CB Antibody Titration:
1.0 ug/ml Positive Control: Fetal Liver