

Datasheet for ABIN2775379
anti-PPP2R3B antibody (C-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	PPP2R3B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Dog, Cow, Rat, Zebrafish (Danio rerio), Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R3B 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 PPP2R3B
Sequence:	TFFNIEKYLD HEQKEQISLL RDGDSGGPEL SDWEKYAAEE YDILVAEETA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 77%, Horse: 77%, Human: 100%, Mouse: 77%, Rabbit: 77%, Rat: 82%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against PPP2R3B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PPP2R3B
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Target Details

Alternative Name:	PPP2R3B (PPP2R3B Products)
Background:	<p>Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. PPP2R3B belongs to the B'' family. The B'' family has been further divided into subfamilies. PPP2R3B belongs to the beta subfamily of regulatory subunit B''. Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B'' family. The B'' family has been further divided into subfamilies. The product of this gene belongs to the beta subfamily of regulatory subunit B''. Alternative splicing results in multiple transcript variants encoding different isoforms.</p> <p>Alias Symbols: NY-REN-8, PPP2R3L, PPP2R3LY, PR48, NYREN8</p> <p>Protein Interaction Partner: DUSP12, UBC, PPP2R1A, CDC6, PPP2R1B, PPP2CA,</p> <p>Protein Size: 575</p>
Molecular Weight:	65 kDa
Gene ID:	28227
NCBI Accession:	NM_013239 , NP_037371
UniProt:	Q9Y5P8
Pathways:	PI3K-Akt Signaling , Mitotic G1-G1/S Phases

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 575 AA
Restrictions:	For Research Use only

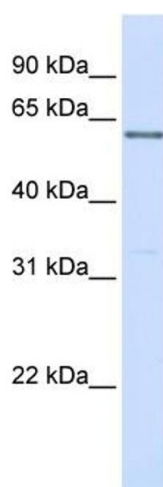
Handling

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
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.

Publications

Product cited in: Sakamaki, Ishii, Sakata, Takemoto, Takagi, Takeuchi, Morishita, Takahashi, Nozawa, Shinoda, Chiba, Sugimoto, Saito, Tamate, Satou, Jung, Matsuoka, Koyamada, Sawasaki, Nagai, Ueno: "Dysregulation of a potassium channel, THIK-1, targeted by caspase-8 accelerates cell shrinkage." in: **Biochimica et biophysica acta**, Vol. 1863, Issue 11, pp. 2766-2783, (2016) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-PPP2R3B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate PPP2R3B is supported by BioGPS gene expression data to be expressed in HEK293T