Datasheet for ABIN2786544

anti-PPP2R2D antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	PPP2R2D
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Cow, Dog, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R2D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	RRDVTLEASR ENSKPRASLK PRKVCTGGKR KKDEISVDSL DFNKKILHTA
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Ppp2r2d. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PPP2R2D
Alternative Name:	Ppp2r2d (PPP2R2D Products)

Target Details

Background:	Ppp2r2d is a B regulatory subunit of protein phosphatase 2A (PP2A) that plays a key role in cell cycle by controlling mitosis entry and exit. The activity of PP2A complexes containing PPP2R2D (PR55-delta) fluctuate during the cell cycle: the activity is high in interphase and low in mitosis. During mitosis, activity of PP2A is inhibited via interaction with phosphorylated ENSA and ARPP19 inhibitors. Within the PP2A complexes, the B regulatory subunits modulate substrate selectivity and catalytic activity, and also may direct the localization of the catalytic enzyme to a particular subcellular compartment. Alias Symbols: 1300017E19Rik, D7Ertd753e, MDS026 Protein Interaction Partner: Supt5, SMURF1, SMAD3, SMAD2, Protein Size: 453
Molecular Weight:	50 kDa
Gene ID:	52432
NCBI Accession:	NM_026391, NP_080667
UniProt:	Q925E7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 453 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

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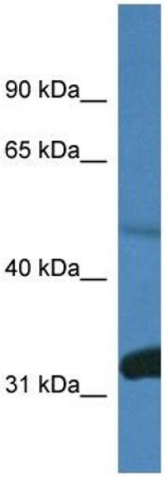
Handling

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-Ppp2r2d Antibody Titration: 1.0 ug/ml Positive Control: Mouse Brain

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