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Datasheet for ABIN6146087 anti-PPP2R2B antibody (AA 160-260)

Image



Overview

Quantity:	100 µL
Target:	PPP2R2B
Binding Specificity:	AA 160-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 160-260 of human PP2A-B55beta/PR55beta/PP2A-B55beta/PR55beta/PP2R2B (NP_858060.2).
Sequence:	KIRWLPQQNA AYFLLSTNDK TVKLWKVSER DKRPEGYNLK DEEGRLRDPA TITTLRVPVL
Isotype:	RPMDLMVEAT PRRVFANAHT YHINSISVNS DYETYMSADD L IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Target Details	

Target: PPP2R2B

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Target Details

Alternative PPP2R2B (PPP2R2B Products)

Name:

Background: The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The subunit might modulate substrate selectivity and catalytic activity. This gene encodes a beta isoform of the regulatory sub Defects in this gene cause autosomal dominant spinocerebellar ataxia 12 (SCA12), a disease caused by degeneration of the sometimes involving the brainstem and spinal cord, and in resulting in poor coordination of speech and body movements. spliced variants, which encode different isoforms, have been identified for this gene. The 5' UTR of some of these variants trinucleotide repeat sequence (7-28 copies) that can be expanded to 55-78 copies in cases of SCA12.,PPP2R2B,B55BETA,PP2AB55BETA,PP2ABBETA,PP2APR55B,PP2APR55BETA,PR2AB55BETA,PR2ABBETA,PR2ABF BETA,PR55BETA,SCA12,Signal Transduction,Cell Biology & Developmental Biology,Cell Cycle,Centromere,Wnt/β-Catenin S Pathway,Neuroscience,Neurodegenerative Diseases,PPP2R2B

Molecular 50 kDa/51 kDa/52 kDa/58 kDa/62 kDa

Weight: Gene ID: 5521 UniProt: Q00005 Pathways: PI3K-Akt Signaling, Mitotic G1-G1/S Phases, Hepatitis C

Application Details

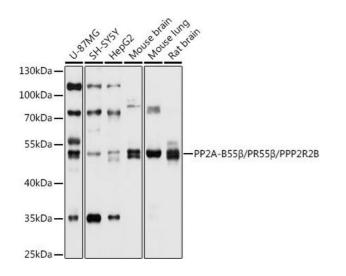
Application Notes:	WB,1:1000 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell PP2A-B55β/PR55β/PP2A-B55β/PR55β/ lines, using PPP2R2B antibody (ABIN6132513, ABIN6146087, ABIN6146088 and ABIN6214771) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 %nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 5s.

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