

Datasheet for ABIN264942
anti-PPP2R2B antibody (N-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	PPP2R2B
Binding Specificity:	AA 2-14, N-Term
Reactivity:	Human, Rat, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified peptide conjugated to KLH corresponding to the sequence NH ₂ -Cys-Gly-Glu-Glu- Asp-Ile-Asp-Thr-Arg-Lys-Ile-Asn-Asn-Ser-Phe-COOH. This peptide antibody corresponds to N-terminal peptide of PP2A/Bb regulatory subunit having a MW of 53kDa. The sequence used is amino acid 2-14.
Isotype:	IgG
Specificity:	This antibody reacts to serine/threonine protein phosphatase 2A/B beta. Minimal cross reactivity against 2A/Bg .
Purification:	Purified

Target Details

Target:	PPP2R2B
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Target Details

Alternative Name:	PPP2R2B (PPP2R2B Products)
Background:	PPP2R2B belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This protein is a beta isoform of the regulatory subunit B55 subfamily.Synonyms: B55-beta isoform, PP2A subunit B B-beta isoform, PR55-beta isoform, R2-beta isoform, Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform, protein phosphatase 2A 55 kDa regulatory subunit B beta
Gene ID:	5521
NCBI Accession:	NP_001120853
UniProt:	Q00005
Pathways:	PI3K-Akt Signaling , Mitotic G1-G1/S Phases , Hepatitis C

Application Details

Application Notes:	Immunoblotting: 1: 500 to 1: 1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.08 % Sodium Azide as preservative.
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 freezing and thawing.
Storage:	-20 °C

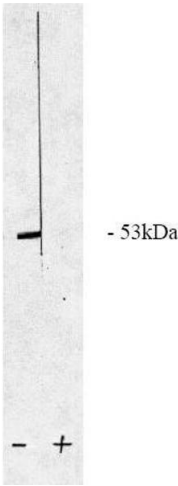


Image 1.