

Datasheet for ABIN7450585
anti-PPP2R4 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	PPP2R4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PP2A Antibody, Affinity Purified
Immunogen:	between AA 260 and C-term
Isotype:	IgG
Predicted Reactivity:	Rat,D. melanogaster,Chicken,Bovine,Rabbit,Pig
Purification:	Affinity Purified

Target Details

Target:	PPP2R4
Alternative Name:	PP2A (PPP2R4 Products)
Background:	Background: PP2A is a major serine/threonine phosphatase that is implicated in the negative

Target Details

control of cell cycle progression. PP2A encodes the beta isoform of the catalytic subunit (PP2CB). Chk2 has been shown to be negatively regulated and dephosphorylated by PP2A. Several proteins have been shown to associate with PP2A and regulate its activity such as eRF1, Hox11, CK2, and Igbp1/alpha4. Rapamycin has been shown to dissociate PP2A from alpha-4 and inhibit proliferation. This result suggests an alternative positive regulatory role of PP2A in cell proliferation.

Gene ID:	5516
NCBI Accession:	NP_004147
UniProt:	P62714
Pathways:	PI3K-Akt Signaling , M Phase , Hepatitis C , Toll-Like Receptors Cascades

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months