

Datasheet for ABIN264932 **anti-PPP1CA antibody**

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Overview

Quantity:	0.1 mg
Target:	PPP1CA
Reactivity:	Human, Mouse, Rat, Cow
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This PPP1CA antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Isotype:	IgG
Specificity:	This antibody reacts to serine/threonine protein phosphatase 1 alpha. Recognizes the recombinant pp1a, pp1b, pp1g 1 and pp1g 2.
Purification:	Purified

Target Details

Target:	PPP1CA
Alternative Name:	PPP1CA (PPP1CA Products)
Background:	The immunogen used to the purified peptide conjugated to KLH corresponding to the sequence NH ₂ -Arg-Pro-Ile-Thr-Pro-Pro-Arg-Asn-Ser-Ala-Lys-Ala-Lys-Lys-COOH. This peptide antibody corresponds to C-terminal peptide of PP1 alpha catalytic subunit having a MW of 38kD. The sequence used is amino acid 317-330. Synonyms: PP-1A, PPP1A, Serine/threonine-protein

Target Details

	phosphatase PP1-alpha catalytic subunit
Gene ID:	5499
NCBI Accession:	NP_001008709
UniProt:	P62136
Pathways:	M Phase , Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process , Lipid Metabolism

Application Details

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

Handling

Buffer:	Phosphate buffered saline with 0.08 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C