Datasheet for ABIN7448736

anti-PPP1CB antibody (C-Term)

Go to Product page

Overview

Quantity:	25 µg
Target:	PPP1CB
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1CB antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-PPP1CB IHC Antibody, Affinity Purified
Immunogen:	Between AA 280 and C-term
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,X. laevis,X. tropicalis,Chicken,Turkey,Bovine,Dog,Horse,Rabbit,Guinea pig_10141,Pig,Panda,Orangutan,Monkey,Gorilla,Chimpanzee,White-tufted-ear marmoset,Crab-eating macaque,Duckbill platypus,Tasmanian devil,West Indian ocean coelacanth,Zebra finch,Gray short-tailed opossum,Chinese hamster,Naked mole rat,Northern white-cheeked gibbon,Green anole,Pipidae,African elephant,Little brown bat,Small-eared galago,Thirteen-lined ground squirrel
Purification:	Affinity Purified

Target Details

Target:	PPP1CB
Alternative Name:	PPP1CB (PPP1CB Products)
Background:	Background: Protein phosphatase 1 (PP1) is a major eukaryotic serine/threonine phosphatase that is involved in a multitude of cellular functions. PP1 is a holoenzyme that consists of the PP1 catalytic subunit (PP1c) that associates with and is regulated by over 50 regulatory subunits. There are several gene and alternative splice products of the catalytic subunit PP1c. PPP1CB encodes the PP1 beta catalytic subunit. In addition to PP1 beta, there are two splice variants of PP1 alpha (PPP1CA), and PP1 gamma (PPP1CC). The mutually exclusive interaction between the various catalytic and regulatory subunits allows the PP1 enzyme to be involved in a variety of functions which include cell division, glycogen metabolism, muscle contractility, and protein synthesis. serine/threonine-protein phosphatase PP1-beta catalytic subunit, PP-1B, PPP1CD, MGC3672.
Gene ID:	5500
NCBI Accession:	NP_996759
UniProt:	P62140
Pathways:	M Phase, Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Lipid Metabolism

Application Details

Application Notes:	1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	250 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 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