

Datasheet for ABIN1881681
anti-PPP2CA antibody (AA 88-116)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	PPP2CA
Binding Specificity:	AA 88-116
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2CA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PPP2CA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-116 amino acids from the Central region of human PPP2CA.
Clone:	RB41800
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig, Rb, Rat, D
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PPP2CA
Alternative Name:	PPP2CA (PPP2CA Products)

Target Details

Background:	This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A 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. This gene encodes an alpha isoform of the catalytic subunit.
Molecular Weight:	35594
NCBI Accession:	NP_002706
UniProt:	P67775
Pathways:	PI3K-Akt Signaling , Mitotic G1-G1/S Phases , Hepatitis C , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

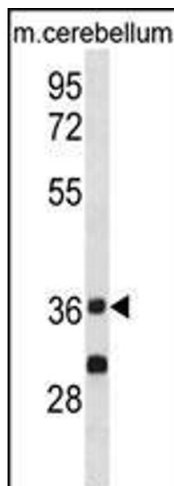
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	<p>Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: Journal of chromatography. A, Vol. 1325, pp. 171-8, (2014) (PubMed).</p> <p>Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection." in: The Journal of infectious diseases, Vol. 207, Issue 1, pp. 50-60, (2012) (PubMed).</p>
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Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).

Images



Western Blotting

Image 1. P2CA Antibody (Center) (ABIN1881681 and ABIN2839034) western blot analysis in mouse cerebellum tissue lysates (35 µg/lane). This demonstrates the P2CA antibody detected the P2CA protein (arrow).