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# Datasheet for ABIN6264391 anti-PPP2CA antibody (C-Term)

2 Images



### Overview

Quantity:	100 µL
Target:	PPP2CA
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2CA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human PP2A-alpha, corresponding to a region within C- terminal amino acids.
Isotype:	lgG
Specificity:	PP2A-alpha Antibody detects endogenous levels of total PP2A-alpha.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Rabbit,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

# Target Details

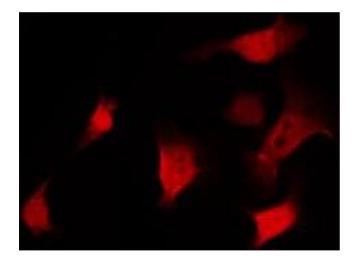
Target:

PPP2CA

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Target Details		
Alternative Name:	PPP2CA (PPP2CA Products)	
Background:	Description: PP2A is the major phosphatase for microtubule-associated proteins (MAPs). PP2A can modulate the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase. Cooperates with SGO2 to protect centromeric cohesin from separase-mediated cleavage in oocytes specifically during meiosis I (By similarity). Can dephosphorylate SV40 large T antigen and p53/TP53. Activates RAF1 by dephosphorylating it at 'Ser-259'. Gene: PPP2CA	
Molecular Weight:	36 kDa	
Gene ID:	5515	
UniProt:	P67775	
Pathways:	PI3K-Akt Signaling, Mitotic G1-G1/S Phases, Hepatitis C, Toll-Like Receptors Cascades	
Application Details		
Application Notes:	WB 1:1000-3000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
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:	-20 °C	
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.	
Expiry Date:	12 months	

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### Immunofluorescence (fixed cells)

**Image 1.** ABIN6277833 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25jaC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at  $37_jaC$ . An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

### Western Blotting

**Image 2.** Western blot analysis of PPP2CA using Jurkat whole cell lysates

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