

Datasheet for ABIN7444715  
**anti-PPP1CA antibody (AA 2-330)**



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7 Images

## Overview

Quantity:	100 µL
Target:	PPP1CA
Binding Specificity:	AA 2-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1CA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Protein Phosphatase 1, Catalytic Subunit Alpha Isoform (PPP1Ca)
Immunogen:	Recombinant Protein Phosphatase 1, Catalytic Subunit Alpha Isoform (PPP1Ca) corresponding to Ser2~Lys330 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PPP1Ca. It has been selected for its ability to recognize PPP1Ca in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

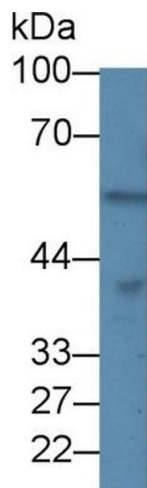
Target:	PPP1CA
Alternative Name:	Protein Phosphatase 1, Catalytic Subunit Alpha Isoform ( <a href="#">PPP1CA Products</a> )
Background:	PPP1C-A, PPP1-CA, PP-1A, PPP1A, Serine/Threonine-Protein Phosphatase PP1-Alpha Catalytic Subunit
Pathways:	<a href="#">M Phase</a> , <a href="#">Cellular Glucan Metabolic Process</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Lipid Metabolism</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

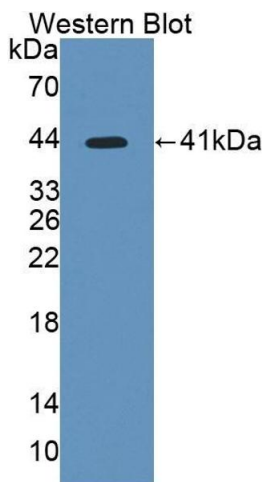
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



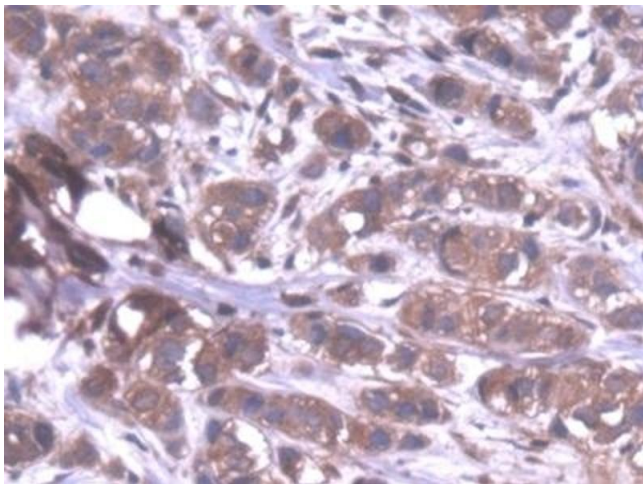
**Western Blotting**

**Image 1.** Detection of PPP1Ca in Human Lung lysate using Polyclonal Antibody to Protein Phosphatase 1, Catalytic Subunit Alpha Isoform (PPP1Ca)



**Western Blotting**

**Image 2.** Detection of Recombinant PPP1Ca, Human using Polyclonal Antibody to Protein Phosphatase 1, Catalytic Subunit Alpha Isoform (PPP1Ca)



**Immunohistochemistry**

**Image 3.** Detection of PPP1Ca in Human Breast cancer Tissue using Polyclonal Antibody to Protein Phosphatase 1, Catalytic Subunit Alpha Isoform (PPP1Ca)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7444715.