

# PPP1CA Antibody

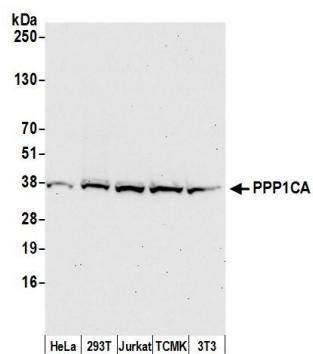
Rabbit Polyclonal

Antigen Affinity Purified      Protein ID    NP\_002699.1  
Catalog No.    A300-904A-M      GeneID      5499  
Lot No.      A300-904A-M-3



<b>APPLICATIONS</b>	WB, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine, Dog and Rabbit
<b>AMOUNT</b>	100 µl (10 blots)
<b>CONCENTRATION</b>	100 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to PPP1CA immobilized on solid support.  The epitope recognized by A300-904A-M maps to a region between residue 280 and the C-terminus (residue 330) of human Protein Phosphatase 1, Catalytic Subunit, Alpha Isoform using the numbering given in entry NP_002699.1 (GeneID 5499).
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.  Western Blot      1:1000  Immunoprecipitation    Not recommended  Immunohistochemistry    1:50 to 1:200. Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.
<b>APPLICATION NOTES</b>	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A300-904A-M">https://www.bethyl.com/product/A300-904A-M</a> Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer      Date: June 21, 2019

**Detection of human and mouse PPP1CA by western blot.**

*Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PPP1CA antibody A300-904A-M (lot A300-904A-M-3) used for WB at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.