## **PPP1CC Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_002701.1

Catalog No. A300-906A GenelD 5501

Lot No. A300-906A-1

**APPLICATIONS** WB, IP, IHC SPECIES REACTIVITY Human

**PRESUMED REACTIVITY** Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, X. laevis,

X. tropicalis and Bovine

**AMOUNT** 100 μl

CONCENTRATION 1000 μg/ml

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

**BUFFER** Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to PPP1CC immobilized on solid support.

The epitope recognized by A300-906A maps to a region between residue 280 and the C-

terminus (residue 323) of human Protein Phosphatase 1, Catalytic Subunit, Gamma Isoform using the numbering given in entry NP\_002701.1 (GeneID 5501).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm

of 1.4 equals 1.0 mg of IgG.

**APPLICATIONS** 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 1:2.000 - 1:10.000

Immunoprecipitation  $2 - 5 \mu g/mg$  lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 is

recommended for FFPE tissue sections.

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100-020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

IHC HUMAN CONTROLS Breast Carcinoma

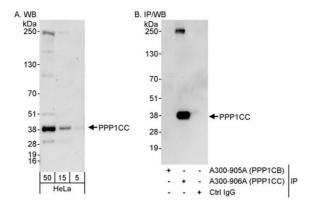
ADDITIONAL INFO https://www.bethyl.com/product/A300-906A

Use the link above to view SDS, a current list of citations, and other product specific information.

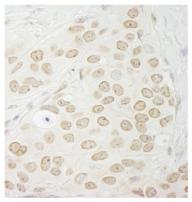
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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 PPP1CC by western blot and immunoprecipitation. Samples: Whole cell lysate (50, 15 and 5 μg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PPP1CC antibody A300-906A used for WB at 0.1 μg/ml (A) and 1 μg/ml (B) and used for IP at 3 μg/mg lysate (B). PPP1CB was immunoprecipitated by rabbit anti-PPP1CB antibody A300-905A. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Detection of human PPP1CC by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti- PPP1CC (Cat. No. A300-906A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB