PPP1CB Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_996759.1

Catalog No. A300-905A GeneID 5500

Lot No. A300-905A-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, Chicken, Bovine, Dog, Rabbit, Pig and Orangutan

AMOUNT 100 μl

CONCENTRATION 200 μg/ml

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

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to PPP1CB immobilized on solid support.

The epitope recognized by A300–905A maps to a region between residue 280 and the C-terminus (residue 327) of human Protein Phosphatase 1, Catalytic Subunit, Beta Isoform using

the numbering given in entry NP_996759.1 (GeneID 5500).

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 1:100 - 1:500. 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/A300-905A

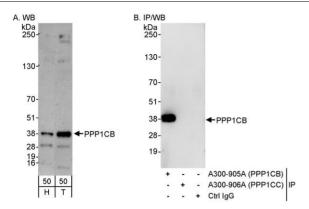
Use the link above to view SDS, a current list of citations, and other product specific information.

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

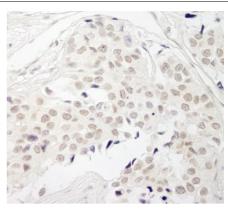


PPP1CB Antibody A300-905A



Detection of human PPP1CB by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (H, 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (Τ; 50 μg) cells. Antibodies: Affinity purified rabbit anti-PPP1CB antibody A300-905A used for WB at $0.04 \mu g/ml$ (A) and $1 \mu g/ml$ (B) and used for IP at $3 \mu g/mg$ lysate (B). PPP1CC was immunoprecipitated by rabbit anti-PPP1CC antibody A300-906A. Detection: Chemiluminescence with exposure times of 3 minutes (A)

and 30 seconds (B).



Detection of human PPP1CB by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti- PPP1CB (Cat. No. A300-905A Lot1) used at a dilution of 1:200 ($1\mu g/ml$). Detection: DAB