PP2A Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-732A

Lot No. A300-732A-2

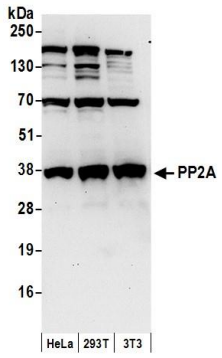
Protein ID NP_004147.1

GeneID 5516

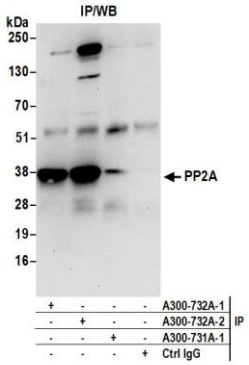
APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, D. melanogaster, Chicken, Bovine, Rabbit and Pig
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL 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 PP2A immobilized on solid support. The epitope recognized by A300-732A maps to a region between residue 260 and the C-terminus (residue 309) of human Protein Phosphatase 2A (PPP2CB, Protein Phosphatase 2, Catalytic Subunit, Beta isoform) using the numbering given in entry NP_004147.1 (GeneID 5516). The region is identical to that of PPP2CA (NP_002706.1; GeneID: 5515) 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 - 10 µg/mg lysate
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), 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.
ADDITIONAL INFO	https://www.bethyl.com/product/A300-732A 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 and mouse PP2A by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PP2A antibody A300-732A (lot A300-732A-2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human PP2A by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PP2A antibody A300-732A (lot A300-732A-2) used for IP at 6 µg per reaction. PP2A was also immunoprecipitated by a previous lot of this antibody (A300-732A-1) and rabbit anti-PP2A antibody A300-731A. For blotting immunoprecipitated PP2A, A300-732A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.