

PP2A Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_004147.1

Catalog No. A300-732A-T GenelD 5516

Lot No. A300-732A-T-2

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	10 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-T 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)

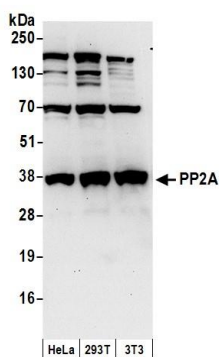
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A300-732A-T>
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.
Michael Spencer, PhD Date: June 6, 2022

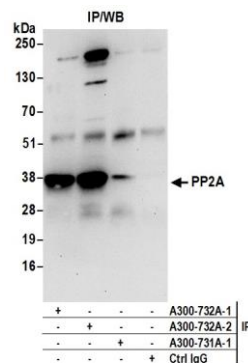


Detection of human and mouse PP2A by western blot.

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.