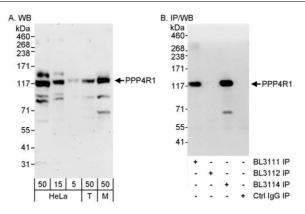
PPP4R1 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 005125.1 Catalog No. A300-836A GenelD 9989 Lot No. A300-836A-1 BOBA APPLICATIONS WB. IP SPECIES REACTIVITY Human, Mouse 100 µl AMOUNT CONCENTRATION $200 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to PPP4C immobilized on solid support. PROCEDURES The epitope recognized by A300-836A maps to a region between residue 1 and 50 of human Protein Phosphatase 4, Regulatory Subunit 1 using the numbering given in entry NP_005125.1 (GeneID 9989). 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 $2 - 5 \mu q/mq$ 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A300-836A 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 24, 2019

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Detection of human and mouse PPP4R1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. Antibodies: Affinity purified rabbit anti-PPP4R1 antibody BL3111 (Cat. No. A300–836A) used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate (B). PPP4R1 was also immunoprecipitated by rabbit anti–PPP4R1 antibody BL3114 (Cat. No. A300–837A), which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

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