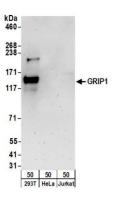
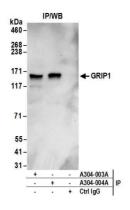
GRIP1 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 066973.2 Catalog No. A304-003A GenelD 23426 Lot No. A304-003A-1 BOBA APPLICATIONS WB. IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to GRIP1 immobilized on solid support. PROCEDURES The epitope recognized by A304-003A maps to a region between residue 725 to 775 of human Glutamate Receptor Interacting Protein 1 using the numbering given in entry NP_066973.2 (GeneID 23426). Antibody 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 $2 - 10 \mu g/mg$ 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 4-8% 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/A304-003A 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

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Detection of human GRIP1 by western blot. Samples: Whole cell lysate (50 µg) from HEK293T, HeLa, and Jurkat cells. Antibodies: Affinity purified rabbit anti-GRIP1 antibody A304-003A (lot A304-003A-1) used for WB at 0.1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human GRIP1 by western blot of

immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-GRIP1 antibody A304-003A (lot A304-003A-1) used for IP at 6 μ g/mg lysate. GRIP1 was also immunoprecipitated by rabbit anti-GRIP1 antibody A304-004A. For blotting immunoprecipitated GRIP1, A304-003A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

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