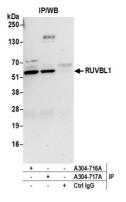
RUVBL1 Antibody **Rabbit Polyclonal** Antigen Affinity Purified NP 003698.1 Protein ID Catalog No. A304-717A GenelD 8607 Lot No. A304-717A-1 BOBA APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat AMOUNT 100 ul CONCENTRATION 1000 ua/ml STORAGE/SHELF LIFE $2 - 8^{\circ} C / 1$ 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 Antibody was affinity purified using an epitope specific to RUVBL1 immobilized on solid support. PROCEDURES The epitope recognized by A304-717A maps to a region between residue 402 to 452 of human RuvB-like AAA ATPase 1 using the numbering given in entry NP_003698.1 (GeneID 8607). 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. Not recommended. Use rabbit anti-RUVBL1 antibody A304-716A. Western Blot Immunoprecipitation 2 – 10 μ g/mg lysate **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). **ADDITIONAL INFO** https://www.bethyl.com/product/A304-717A 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 RUVBL1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-RUVBL1 antibody A304–717A (lot A304–717A–1) used for IP at 6 µg per reaction. RUVBL1 was also immunoprecipitated by rabbit anti-RUVBL1 antibody A304–716A. For blotting immunoprecipitated RUVBL1, A304–717A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

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