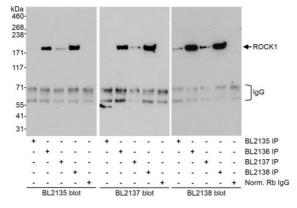
## **ROCK1** Antibody **Rabbit Polyclonal** Antigen Affinity Purified 013464 Protein ID Catalog No. A300-455A GenelD 6093 Lot No. A300-455A-1 ABOBA APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee AMOUNT 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 ROCK1 immobilized on solid support. PROCEDURES The epitope recognized by A300-455A maps to a region between residues 400 and 450 of human Rho-associated, coiled-coil containing protein kinase 1 using the numbering given in Swiss-Prot entry Q13464 (GeneID 6093). 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 Not recommended. Use rabbit anti-ROCK1 antibody A300-456A or A300-457A. Immunoprecipitation 2 – 5 $\mu$ 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). **ADDITIONAL INFO** https://www.bethyl.com/product/A300-455A 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 ROCK1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg/IP; 1/4 of IP loaded/lane) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-ROCK1 antibodies BL2135, BL2136 (Cat. No. A300-455A), BL2137 (Cat. No. A300-456A) and BL2138 (A300-457A) used at 3  $\mu$ g/mg lysate for IP. Normal rabbit IgG was used as a control for immunoprecipitation. ROCK1 was blotted with BL2135, BL2137, or BL2138 (each at 1  $\mu$ g/ml). *Detection:* Chemiluminescence with exposure times of 10 to 30 seconds.

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