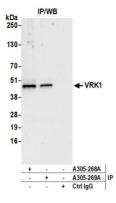
## VRK1 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID 099986.1 Catalog No. A305-268A GenelD 7443 A305-268A-1 Lot No. BOBATOB APPLICATIONS IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL 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 VRK1 immobilized on solid support. PROCEDURES The epitope recognized by A305–268A maps to a region between residue 1 to 50 of human Serine/threonine-protein kinase VRK1 using the numbering given in entry Q99986.1 (GeneID 7443). 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 Not recommended. Use rabbit anti-VRK1 antibody A305-269A. 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). **ADDITIONAL INFO** https://www.bethyl.com/product/A305-268A 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 VRK1 by western blot of

immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-VRK1 antibody A305-268A (lot A305-268A-1) used for IP at 6 µg per reaction. VRK1 was also immunoprecipitated by rabbit anti-VRK1 antibody A305-269A. For blotting immunoprecipitated VRK1, A305-268A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

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