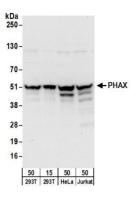
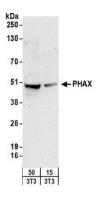
PHAX Antibody Rabbit Polyclonal Antigen Affinity Purified Protein ID NP 115553.2 Catalog No. A303-916A GenelD 51808 Lot No. A303-916A-1 ORA APPLICATIONS WB. IP SPECIES REACTIVITY Human, Mouse AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL 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 PHAX immobilized on solid support. PROCEDURES The epitope recognized by A303-916A maps to a region between residue 344 and 394 of human Phosphorylated Adaptor for RNA Export using the numbering given in entry NP_115553.2 (GeneID 51808). 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. ADDITIONAL INFO https://www.bethyl.com/product/A303-916A 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

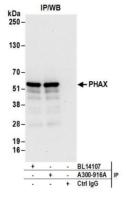
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Detection of human PHAX by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 μ g), HeLa (50 μ g), and Jurkat (50 μ g) cells. Antibodies: Affinity purified rabbit anti-PHAX antibody A303-916A (lot A303-916A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Detection of mouse PHAX by western blot. Samples: Whole cell lysate from mouse NIH 3T3 (15 and 50 µg) cells. Antibodies: Affinity purified rabbit anti-PHAX antibody A303-916A (lot A303-916A-1) used for WB at 0.4 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human PHAX 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–PHAX antibody A303–916A (lot A303–916A–1) used for IP at 6 μ g/mg lysate. PHAX was also immunoprecipitated by rabbit anti–PHAX antibody BL14107. For blotting immunoprecipitated PHAX, A303–916A was used at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

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