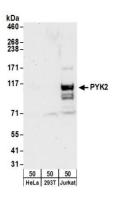
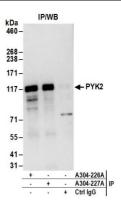
## PYK2 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 775266.1 Catalog No. A304-226A GenelD 2185 Lot No. A304-226A-1 BOBAT APPLICATIONS WB. IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL 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 PYK2 immobilized on solid support. PROCEDURES The epitope recognized by A304-226A maps to a region between residue 275 to 325 of human Protein Tyrosine Kinase 2 beta using the numbering given in entry NP\_775266.1 (GeneID 2185). 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 1:1,000 - 1:5,000 Immunoprecipitation $2 - 10 \mu g/mg$ 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). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. https://www.bethyl.com/product/A304-226A ADDITIONAL INFO 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 PYK2 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-PYK2 antibody A304-226A (lot A304-226A-1) used for WB at 0.4  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Detection of human PYK2 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. *Antibodies:* Affinity purified rabbit anti–PYK2 antibody A304–226A (lot A304–226A–1) used for IP at 6 µg/mg lysate. PYK2 was also immunoprecipitated by rabbit anti–PYK2 antibody A304–227A. For blotting immunoprecipitated PYK2, A304–226A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.