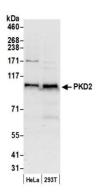
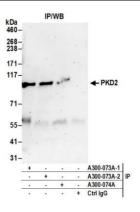
PKD2 Antibody **Rabbit Polyclonal** Antigen Affinity Purified NP_057541.2 Protein ID Catalog No. A300-073A GenelD 25865 Lot No. A300-073A-2 BOBA APPLICATIONS WB. IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL 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 from human PKD2 immobilized on solid support. PROCEDURES The epitope recognized by A300–073A maps to a region between residues 320 and 400 using the numbering given in entry NP_057541.2 (GeneID 25865). 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 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/A300-073A 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 guality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human PKD2 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PKD2 antibody A300-073A (lot A300-073A-2) used for WB at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Detection of human PKD2 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-PKD2 antibody A300-073A (lot A300-073A-2) used for IP at 6 μ g per reaction. PKD2 was also immunoprecipitated by a previous lot of this antibody (lot A300-073A-1) and rabbit anti-PKD2 antibody A300-074A For blotting immunoprecipitated PKD2, A300-073A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.