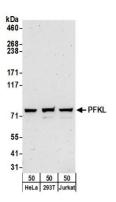
PFKL Antibody Rabbit Polyclonal Antigen Affinity Purified NP 002617.3 Protein ID Catalog No. A304-320A GenelD 5211 Lot No. A304-320A-1 ABOBA APPLICATIONS WB. IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Orangutan AMOUNT 100 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 PFKL immobilized on solid support. PROCEDURES The epitope recognized by A304-320A maps to a region between residue 1 to 50 of human Phosphofructokinase, Liver using the numbering given in entry NP_002617.3 (GeneID 5211). 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 - 1:5.000Immunoprecipitation 2 – 10 μ 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/A304-320A 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

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

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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 IP/WB

 460

 268

 238

 171

 117

 71

 71

 55

 41

 31

 +

 +

 +

Detection of human PFKL by western blot. Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-PFKL antibody A304-320A (lot A304-320A-1) used for WB at 0.4 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human PFKL 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. Antibodies: Affinity purified rabbit anti-PFKL antibody A304-320A (lot A304-320A-1) used for IP at 6 μ g per reaction. PFKL was also immunoprecipitated by rabbit anti-PFKL antibody A304-321A. For blotting immunoprecipitated PFKL, A304-320A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.