PanK4 Antibody **Rabbit Polyclonal** Antigen Affinity Purified NP 060686.1 Protein ID Catalog No. A303-777A GenelD 55229 Lot No. A303-777A-1 ABOBA APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Orangutan 100 µl AMOUNT CONCENTRATION $1000 \,\mu g/ml$ 2 - 8° C / 1 year from date of receipt STORAGE/SHELF LIFE PHYSICAL STATE Liauid Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide BUFFER ISOTYPE IaG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to PanK4 immobilized on solid support. PROCEDURES The epitope recognized by A303-777A maps to a region between residue 150 and 200 of human Pantothenate Kinase 4 using the numbering given in entry NP_060686.1 (GeneID 55229).

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

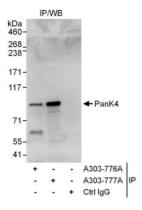
Immunoprecipitation 2 – 10 µg/mg lysate

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 4–8% SDS–PAGE (link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO https://www.bethyl.com/product/A303-777A 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 PanK4 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-PanK4 antibody A303-777A used for IP at 6 μ g/mg lysate. PanK4 was also immunoprecipitated by rabbit anti-PanK4 antibody A303-776A, which recognizes an upstream epitope. For blotting immunoprecipitated PanK4, A303-777A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.