## PI4KB Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID CAA09495.1 Catalog No. A303-734A GenelD 5298 Lot No. A303-734A-1 ABOBA APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Zebrafish, X. tropicalis and Bovine 100 ul AMOUNT CONCENTRATION $1000 \,\mu g/ml$ 2 - 8° C / 1 year from date of receipt STORAGE/SHELF LIFE PHYSICAL STATE Liauid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE IaG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to PI4KB immobilized on solid support. PROCEDURES The epitope recognized by A303-734A maps to a region between residue 500 and 550 of human Phosphatidylinositol 4-Kinase, Catalytic, beta using the numbering given in entry CAA09495.1 (GeneID 5298). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. **APPI ICATIONS** 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 $\mu$ 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).

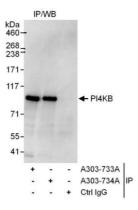
 ADDITIONAL INFO
 https://www.bethyl.com/product/A303-734A

 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 PI4KB by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti–PI4KB antibody A303–734A used for IP at 6  $\mu$ g/mg lysate. PI4KB was also immunoprecipitated by rabbit anti–PI4KB antibody A303–733A, which recognizes an upstream epitope. For blotting immunoprecipitated PI4KB, A303–733A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.

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