

PI4KB Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID CAA09495.1

Catalog No. A303-733A

GeneID 5298

Lot No. A303-733A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° 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 PROCEDURES	Antibody was affinity purified using an epitope specific to PI4KB immobilized on solid support.

The epitope recognized by A303-733A maps to a region between residue 1 and 50 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.

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 1:2,000 - 1:10,000

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).

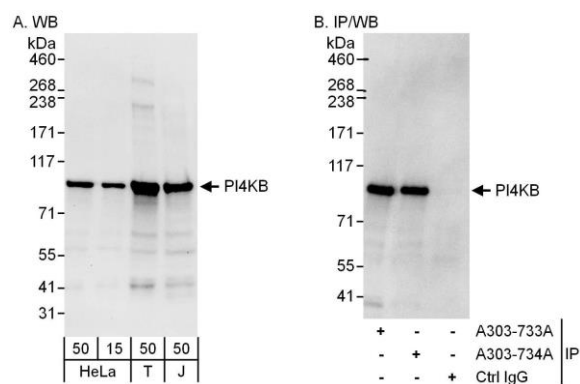
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A303-733A>

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



Detection of human PI4KB by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g) and Jurkat (J; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-PI4KB antibody A303-733A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 6 μ g/mg lysate. PI4KB was also immunoprecipitated by rabbit anti-PI4KB antibody A303-734A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).