PLCB3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q01970.2

Catalog No. A305-333A GeneID 5331

Lot No. A305-333A-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 PLCB3 immobilized on solid support.

The epitope recognized by A305–333A maps to a region between residue 525 to 575 of human 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-3 using the numbering given

in entry Q01970.2 (GeneID 5331).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

Immunoprecipitation

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

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020),

2 - 10 µg/mg lysate

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/A305-333A

Use the link above to view SDS, a current list of citations, and other product specific information.

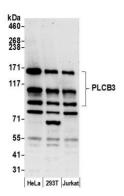
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

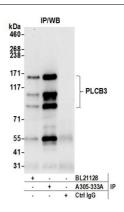
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



PLCB3 Antibody A305-333A





Detection of human PLCB3 by western blot. Samples: Whole cell lysate (15 μg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PLCB3 antibody A305-333A (lot A305-333A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human PLCB3 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-PLCB3 antibody A305-333A (lot A305-333A-1) used for IP at 6 μg per reaction. PLCB3 was also immunoprecipitated by rabbit anti-PLCB3 antibody BL21128. For blotting immunoprecipitated PLCB3, A305-333A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.