## PDZ-GEF2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_057424.2

Catalog No. A301-967A GeneID 51735

Lot No. A301-967A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human

AMOUNT 100 μl

CONCENTRATION 200 μg/ml

**STORAGE/SHELF LIFE** 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION Antibody was affinity purified using an epitope specific to PDZ-GEF2 immobilized on solid

**PROCEDURES** support.

The epitope recognized by A301–967A maps to a region between residue 625 and 675 of human PDZ domain containing quanine nucleotide exchange factor (GEF) 2 using the numbering given

in entry NP\_057424.2 (GeneID 51735).

Immunoglobulin 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 - 5 µg/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).

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

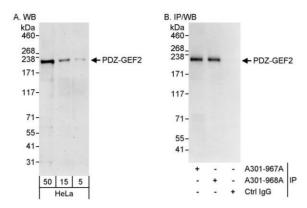
ADDITIONAL INFO https://www.bethyl.com/product/A301-967A

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 PDZ-GEF2 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PDZ-GEF2 antibody A301-967A used for WB at 0.04  $\mu$ g/ml (A) and 1  $\mu$ g/ml (B) and used for IP at 3  $\mu$ g/mg lysate. PDZ-GEF2 was also immunoprecipitated by rabbit anti-PDZ-GEF2 antibody A301-968A, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).