PARG1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_004806.3

Catalog No. A301-923A GenelD 9411

Lot No. A301-923A-1

APPLICATIONS IP

SPECIES REACTIVITY Human 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 PARG1 immobilized on solid support.

The epitope recognized by A301–923A maps to a region between residue 1125 and 1175 of human PTPL1-associated RhoGAP 1 using the numbering given in entry NP_004806.3 (GeneID

9411).

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 Not recommended. Use rabbit anti-PARG1 antibody A301-924A.

Immunoprecipitation $2 - 5 \mu g/mg$ 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/A301-923A

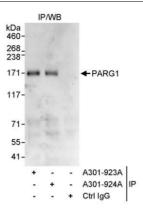
Use the link above to view SDS, a current list of citations, and other product specific information.

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 PARG1 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-PARG1 antibody A301-923A used for IP at 3 μg/mg lysate. PARG1 was also immunoprecipitated by rabbit anti-PARG1 antibody A301-924A, which recognizes a downstream epitope. For blotting immunoprecipitated PARG1, A301-924A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.