## **RRAGD Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_067067.1

Catalog No. A304-301A GeneID 58528

Lot No. A304-301A-1

**APPLICATIONS** WB, IP

SPECIES REACTIVITY Human, Mouse

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 RRAGD immobilized on solid support.

The epitope recognized by A304-301A maps to a region between residue 1 to 50 of human Ras-

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

Related GTP Binding D using the numbering given in entry NP\_067067.1 (GeneID 58528).

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

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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 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A304-301A

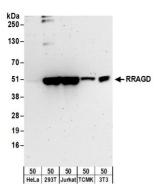
Use the link above to view SDS, a current list of citations, and other product specific information.

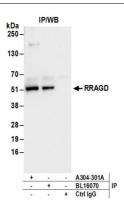
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

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



RRAGD Antibody A304-301A





Detection of human and mouse RRAGD by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-RRAGD antibody A304-301A (lot A304-301A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human RRAGD by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-RRAGD antibody A304-301A (lot A304-301A-1) used for IP at 6 µg per reaction. RRAGD was also immunoprecipitated by rabbit anti-RRAGD antibody BL16070. For blotting immunoprecipitated RRAGD, A304-301A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.