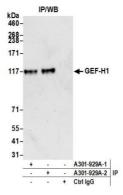
GEF-H1 Antibody **Rabbit Polyclonal** Antigen Affinity Purified CAH72629.1 Protein ID 9181 Catalog No. A301-929A GenelD Lot No. A301-929A-2 APPLICATIONS IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION 1000 µg/ml STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE lgG USA ORIGIN PRODUCTION Antibody was affinity purified using an epitope specific to GEF-H1 immobilized on solid support. PROCEDURES The epitope recognized by A301-929A maps to a region between residue 675 and 725 of human quanine nucleotide exchange factor H1 using the numbering given in entry CAH72629.1 (GeneID 9181). 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-GEF-H1 antibody A301-928A. Immunoprecipitation 2 – 10 μ g/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). **ADDITIONAL INFO** https://www.bethyl.com/product/A301-929A 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: October 3, 2019

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Detection of human GEF-H1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-GEF-H1 antibody A301-929A (lot A301-929A-2) used for IP at 6 μ g per reaction. GEF-H1 was also immunoprecipitated by a previous lot of this antibody (lot A301-929A-1). For blotting immunoprecipitated GEF-H1, A301-928A was used at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.