

GRLF1/p190RhoGAP Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID EAW57452.1

Catalog No. A301-736A

GeneID 2909

Lot No. A301-736A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Dog
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 PROCEDURES	Antibody was affinity purified using an epitope specific to GRLF1/p190RhoGAP immobilized on solid support.

The epitope recognized by A301-736A maps to a region between residue 1200 and 1250 of human glucocorticoid receptor DNA binding factor 1 (p190RHOGAP) using the numbering given in entry EAW57452.1 (GeneID 2909).

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. 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).

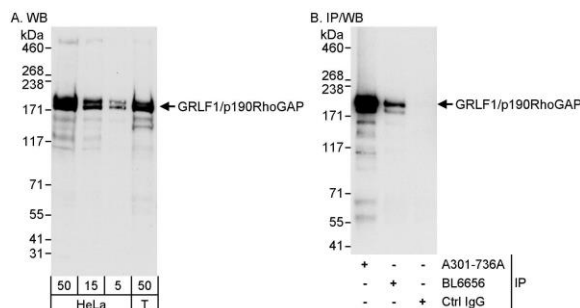
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A301-736A>

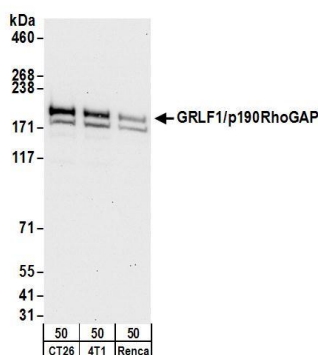
Use the link above to view SDS, a current list of citations, and other product specific information.

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 GRLF1 /p190RhoGAP by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-GRLF1 /p190RhoGAP antibody A301-736A used for WB at 0.04 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. GRLF1 /p190RhoGAP was also immunoprecipitated by rabbit anti-GRLF1 /p190RhoGAP antibody BL6656, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



Detection of mouse GRLF1 /p190RhoGAP by western blot. *Samples:* Whole cell lysate (50 μ g) from CT26.WT, 4T1, and Renca cells. *Antibodies:* Affinity purified rabbit anti-GRLF1 /p190RhoGAP antibody A301-736A (lot A301-736A-1) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.