RPL18A/Ribosomal Protein L18a Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q02543.2

Catalog No. A305-044A GenelD 6142

Lot No. A305-044A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat, Zebrafish and

Bovine

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

Origin 557

PRODUCTION Antibody was affinity purified using an epitope specific to RPL18A/Ribosomal Protein L18a

PROCEDURES immobilized on solid support.

The epitope recognized by A305-044A maps to a region between residue 126 to 176 of human

60S ribosomal protein L18a using the numbering given in entry Q02543.2 (GenelD 6142).

Antibody 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 – 10 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 4-12% SDS-PAGE

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

Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A305-044A

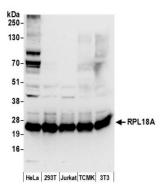
Use the link above to view SDS, a current list of citations, and other product specific information.

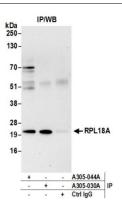
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 and mouse RPL18A by western blot. *Samples:* Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RPL18A antibody A305-044A (lot A305-044A-1) used for WB at 0.1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of human RPL18A 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 prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RPL18A antibody A305-044A (lot A305-044A-1) used for IP at 6 μg per reaction. RPL18A was also immunoprecipitated by rabbit anti-RPL18A antibody A305-030A. For blotting immunoprecipitated RPL18A, A305-044A was used at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.