RPL27A/Ribosomal Protein L27a Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P46776.2

Catalog No. A305-380A GenelD 6157

Lot No. A305-380A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

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

and Chimpanzee

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 Antibardona efficience

PRODUCTION Antibody was affinity purified using an epitope specific to RPL27A/Ribosomal Protein L27a

PROCEDURES immobilized on solid support.

The epitope recognized by A305-380A maps to a region between residue 1 to 50 of human 60S

ribosomal protein L27a using the numbering given in entry P46776.2 (GeneID 6157).

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 1:500 - 1:2.500

Immunoprecipitation $2 - 10 \mu g/mg$ 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 4-12% 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/A305-380A

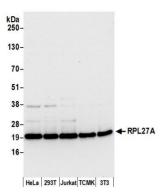
Use the link above to view SDS, a current list of citations, and other product specific information.

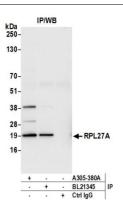
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 RPL27A by western blot. *Samples:* Whole cell lysate (15 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RPL27A antibody A305–380A (lot A305–380A–1) used for WB at 0.1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of human RPL27A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti–RPL27A antibody A305–380A (lot A305–380A–1) used for IP at 6 μg per reaction. RPL27A was also immunoprecipitated by rabbit anti–RPL27A antibody BL21345. For blotting immunoprecipitated RPL27A, A305–380A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 1 second.