Ribosomal Protein L23/RPL23 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P62829.1

Catalog No. A305-010A GenelD 9349

Lot No. A305-010A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

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

Pig and Orangutan

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 Antibody was affinity purified using an epitope specific to Ribosomal Protein L23/RPL23

PROCEDURES immobilized on solid support.

The epitope recognized by A305–010A maps to a region between residue 90 to 140 of human

60S ribosomal protein L23 using the numbering given in entry P62829.1 (GeneID 9349).

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 $2 - 10 \mu g/mg$ 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/A305-010A

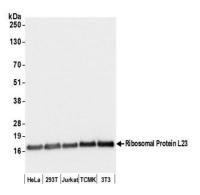
Use the link above to view SDS, a current list of citations, and other product specific information.

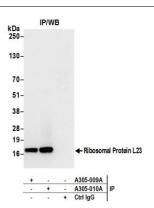
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 Ribosomal Protein L23 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-Ribosomal Protein L23 antibody A305-010A (lot A305-010A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 1 second.

Detection of human Ribosomal Protein L23 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–Ribosomal Protein L23 antibody A305–010A (lot A305–010A–1) used for IP at 6 μg per reaction. Ribosomal Protein L23 was also immunoprecipitated by rabbit anti–Ribosomal Protein L23 antibody A305–009A. For blotting immunoprecipitated Ribosomal Protein L23, A305–010A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 10 second.