## **RPS6 Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_001001.2

Catalog No. A300-556A GeneID 6194

Lot No. A300-556A-2

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

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

Bovine

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 RPS6 immobilized on solid support.

The epitope recognized by A300-556A maps to a region between residues 100 and 150 of human Ribosomal Protein S6 using the numbering given in entry NP\_001001.2 (GeneID 6194).

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 4-20% SDS-PAGE

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

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A300-556A

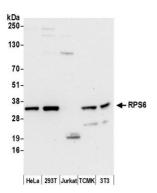
Use the link above to view SDS, a current list of citations, and other product specific information.

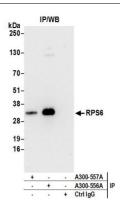
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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



RPS6 Antibody A300-556A





Detection of human and mouse RPS6 by western blot. Samples: Whole cell lysate (15  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RPS6 antibody A300-556A (lot A300-556A-2) used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

Detection of human RPS6 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-RPS6 antibody A300–556A (lot A300–556A–2) used for IP at 3 μg per reaction. RPS6 was also immunoprecipitated by rabbit anti-RPS6 antibody A300–557A. For blotting immunoprecipitated RPS6, A300–556A was used at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.