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Diagnostik & molekulare Diagnostik

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

RPS6 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No.	A300–557A	Protein ID	NP_001001.2
		GeneID	6194
Lot No.	A300–557A–2		

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, X. laevis, 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 A300–557A maps to a region between residue 200 and the C–terminus (residue 249) 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 – 10 μg/mg lysate
Immunohistochemistry	1:200 to 1:1000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

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.

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IHC HUMAN CONTROLS	Breast Carcinoma, K–562 Cells
IHC MOUSE CONTROLS	Colon Carcinoma CT26, Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300–557A 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

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 •
800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

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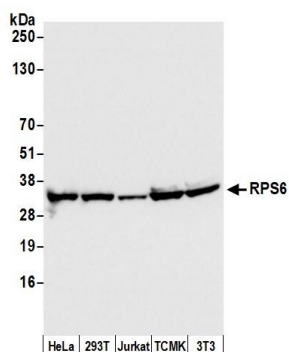
Detection of human and mouse RPS6 by western blot.
Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RPS6 antibody A300-557A (lot A300-557A-2) used for WB at 0.04 μg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.
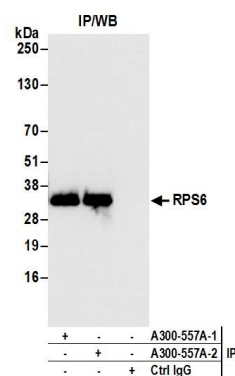
Detection of human RPS6 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-RPS6 antibody A300-557A (lot A300-557A-2) used for IP at 6 μg per reaction. RPS6 was also immunoprecipitated by a previous lot of this antibody (lot A300-557A-1). For blotting immunoprecipitated RPS6, A300-557A was used at 0.1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.
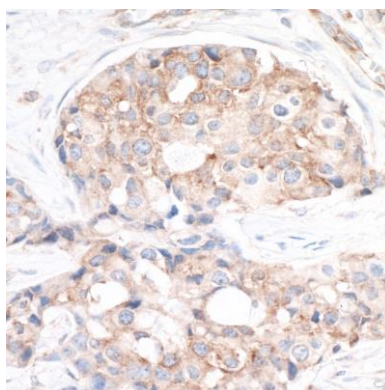
Detection of human RPS6 by immunohistochemistry.
Sample: FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-RPS6 (Cat. No. A300-557A lot 2) used at a dilution of 1:1000 (0.2μg/ml). *Detection:* DAB