RSK3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_066958.2

Catalog No. A304-243A GeneID 6196

Lot No. A304-243A-1

APPLICATIONS IP, IHC
SPECIES REACTIVITY Human
AMOUNT 100 μI

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 PROCEDURES

Antibody was affinity purified using an epitope specific to RSK3 immobilized on solid support.

The epitope recognized by A304–243A maps to a region between residue 1 to 50 of human Ribosomal S6 Kinase 3 using the numbering given in entry NP_066958.2 (GeneID 6196).

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 Not recommended. A304–243A has not performed satisfactorily when

used for WB of RSK3 in crude preparations (e.g. whole cell lysate).

This antibody can be used for WB of enriched (e.g.

immunoprecipitated) sources of RSK3.

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 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 4-8% SDS-PAGE

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

IHC HUMAN CONTROLS Breast Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A304-243A

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

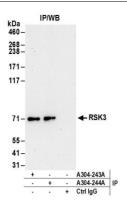
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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

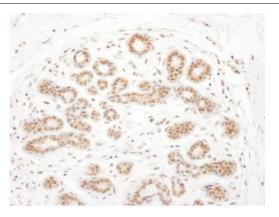
Date: June 21, 2019



RSK3 Antibody A304-243A



Detection of human RSK3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti–RSK3 antibody A304–243A (lot A304–243A–1) used for IP at 6 μg/mg lysate. RSK3 was also immunoprecipitated by rabbit anti–RSK3 antibody A304–244A. For blotting immunoprecipitated RSK3, A304–244A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human RSK3 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti- RSK3 (Cat. No. A304-243A Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).