

Rictor Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q6R327

Catalog No. A300-458A

GeneID 253260

Lot No. A300-458A-6



APPLICATIONS WB, IP

SPECIES REACTIVITY Human

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

The epitope recognized by A300-458A maps to a region between residues 1 and 50 of human Rapamycin-Insensitive Companion of mTOR using the numbering given in TrEMBL entry Q6R327 (GeneID 253260).

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.

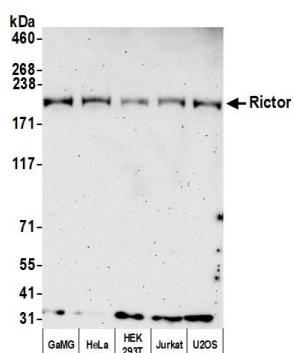
Western Blot 1:2,000 - 1:10,000. Blots performed with A300-458A show additional bands not seen with A300-459A.

Immunoprecipitation 2 - 10 µg/mg lysate

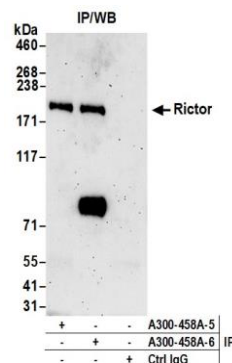
ADDITIONAL INFO <https://www.bethyl.com/product/A300-458A>

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: July 7, 2020



Detection of human Rictor by western blot. *Samples:* Whole cell lysate (50 μ g) from GaMG, HeLa, HEK293T, Jurkat, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Rictor antibody A300-458A Lot 6 used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Rictor by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from GaMG cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Rictor antibody A300-458A Lot 6 used for IP at 6 μ g per reaction. Rictor was also immunoprecipitated by a previous lot of this antibody (A300-458A Lot 5). For blotting immunoprecipitated Rictor, A300-458A was used at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.