



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# mTOR Antibody

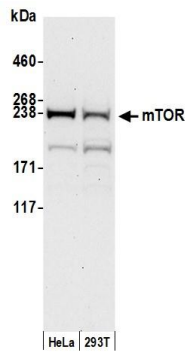
Rabbit Polyclonal

Antigen Affinity Purified      Protein ID    NP\_004949.1  
Catalog No.    A301-143A-T      GeneID      2475  
Lot No.      A301-143A-T-2

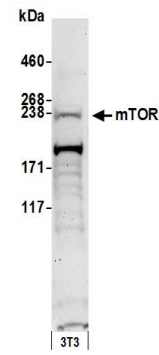


<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Rat
<b>AMOUNT</b>	20 µl (2 blots)
<b>CONCENTRATION</b>	400 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to mTOR immobilized on solid support.  The epitope recognized by A301-143A-T maps to a region between residue 1350 and 1400 of human mammalian target of rapamycin using the numbering given in entry NP_004949.1 (GeneID 2475).
<b>APPLICATIONS</b>	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      1:1000  Immunoprecipitation      The antibody contained within A301-143A-T has been qualified for use in immunoprecipitation; however, we recommend using the alternative formulation of this antibody found as product A301-143A.
<b>APPLICATION NOTES</b>	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).  Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A301-143A-T">https://www.bethyl.com/product/A301-143A-T</a> Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a>

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 mTOR by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-mTOR antibody A301-143A-T (lot A301-143A-T-2) used for WB at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of mouse mTOR by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-mTOR antibody A301-143A-T (lot A301-143A-T-2) used for WB at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.