

# 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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## TSC2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P49815
Catalog No. A300–526A GeneID 7249

Lot No. A300-526A-2

APPLICATIONS IP

SPECIES REACTIVITY Human

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

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 TSC2 immobilized on solid support.

The epitope recognized by A300-526A maps to a region between residues 1 and 50 of human Tuberous Sclerosis 2 using the numbering given in Swiss-Prot entry P49815 (GeneID 7249).

 $Immunoglobulin\ concentration\ was\ determined\ by\ extinction\ coefficient:\ absorbance\ at\ 280\ nm$ 

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 Not recommended. Use rabbit anti-TSC2 antibody A300-463A.

Immunoprecipitation  $2 - 5 \mu g/mg$  lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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).

ADDITIONAL INFO https://www.bethyl.com/product/A300-526A

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

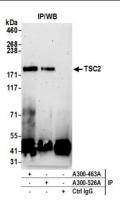
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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



TSC2 Antibody A300-526A



# Detection of human TSC2 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–TSC2 antibody A300–526A (lot A300–526A–2) used for IP at 3 μg per reaction. TSC2 was also immunoprecipitated by rabbit anti–TSC2 antibody A300–463A. For blotting immunoprecipitated TSC2, A300–463A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.