

# 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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## TSC1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q92574

Catalog No. A300–316A GeneID 7248

Lot No. A300-316A-1

**APPLICATIONS** WB, IP

SPECIES REACTIVITY Human, Mouse

**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 TSC1 immobilized on solid support.

The epitope recognized by A300-316A maps to a region between residue 1100 and the C-terminus (residue 1164) of human tuberous sclerosis 1 using the numbering given in Swiss-Prot

entry Q92574 (GeneID 7248).

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 1:5,000 - 1:25,000

Immunoprecipitation 1 – 5 µg/mg lysate

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).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A300-316A

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

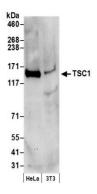
IP-western blot protocol https://www.bethyl.com/content/protocol\_IP\_WB

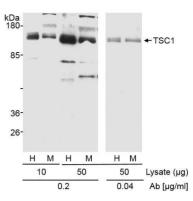
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: October 23, 2019



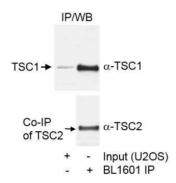
TSC1 Antibody A300-316A





Detection of human and mouse TSC1 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified goat anti-TSC1 antibody A300-316A (lot A300-316A-1) used for WB at 0.05  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human and mouse TSC1 by western blot. Samples: Whole cell lysate (10 or 50  $\mu$ g) from HeLa (H) and MEF (M) cells. Antibody: Affinity purified rabbit anti-TSC1 antibody A300-316A (lot A300-316A-1) used for WB at 0.2 or 0.04  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 5 minutes.



Detection of human TSC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (60 μg for input and 1.5 mg for IP) from U2OS cells. Antibody: Affinity purified rabbit anti-TSC1 antibody A300-316A (lot A300-316A-1) used for IP at 1 μg/mg lysate. For blotting immunoprecipitated TSC1, A300-316A was used at 0.2 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Note: TSC2 co-immunoprecipitates with TSC1. TSC2 was detected using a TSC2 antibody from another source.