## LATS1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID 095835 Catalog No. A300–477A GeneID 9113

Lot No. A300-477A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

 AMOUNT
 100 μl

 CONCENTRATION
 200 μg/ml

**STORAGE/SHELF LIFE** 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

**BUFFER** Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

**PRODUCTION** Antibody was affinity purified using an epitope specific to LATS1 (WARTS) immobilized on solid

**PROCEDURES** support.

The epitope recognized by A300-477A maps to a region between residues 50 and 100 of human

Large Tumor Suppressor homolog 1 using the numbering given in SwissProt entry O95835

(GeneID 9113).

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 - 1:15,000

Immunoprecipitation 2 – 5 µg/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).

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

ADDITIONAL INFO https://www.bethyl.com/product/A300-477A

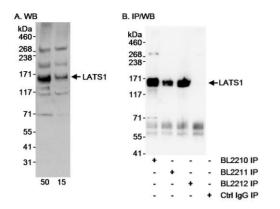
Use the link above to view SDS, a current list of citations, and other product specific information.

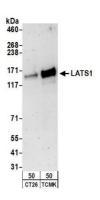
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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



LATS1 Antibody A300-477A





Detection of human LATS1 by western blot and immunoprecipitation. Samples: Whole cell lysate (15 and 50 μg for WB; 1 mg for IP, 1/4 of IP loaded/lane) from HeLa Cells. Antibodies: Affinity purified rabbit anti-LATS1 antibody BL2210 (Cat. No. A300-477A) used at 0.02 (A) and 0.1 (B) μg/ml for WB and at 3 μg/mg lysate for IP (B). LATS1 was also immunoprecipitated with LATS1 antibodies BL2211 and BL2212 (Cat. No. A300-478A) using 3 μg/mg lysate. Detection: Chemiluminescence with an exposure time of 10 seconds (A and B).

Detection of mouse LATS1 by western blot. Samples: Whole cell lysate (50 μg) from CT26.WT and TCMK-1 cells. Antibodies: Affinity purified rabbit anti-LATS1 antibody A300-477A (lot A300-477A-1) used for WB at 0.2 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.