TLK1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_036422.3

Catalog No. A301-252A GeneID 9874

Lot No. A301-252A-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 PROCEDURES

Antibody was affinity purified using an epitope specific to TLK1 immobilized on solid support.

The epitope recognized by A301-252A maps to a region between residue 150 and 200 of human

tousled-like kinase 1 using the numbering given in entry NP_036422.3 (GeneID 9874).

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 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.bethvl.com/product/A301-252A

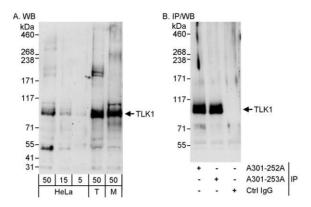
Use the link above to view SDS, a current list of citations, and other product specific information.

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



TLK1 Antibody A301-252A



Detection of human and mouse TLK1 by western blot (h & m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μg), and mouse NIH 3T3 (M; 50 μg) cells. Antibodies: Affinity purified rabbit anti–TLK1 antibody A301–252A used for WB at 0.04 $\mu g/ml$ (A) and 1 $\mu g/ml$ (B) and used for IP at 3 $\mu g/mg$ lysate. TLK1 was also immunoprecipitated by rabbit anti–TLK1 antibody A301–253A, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 second (B).