

# TLK2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID EAW94344.1

Catalog No. A301-257A

GeneID 11011

Lot No. A301-257A-1

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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Mouse
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 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-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA

**PRODUCTION PROCEDURES** Antibody was affinity purified using an epitope specific to TLK2 immobilized on solid support.

The epitope recognized by A301-257A maps to a region between residue 722 and 772 of human tousel-like kinase 2 using the numbering given in entry EAW94344.1 (GeneID 11011).

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 – 10 µg/mg lysate

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-257A>

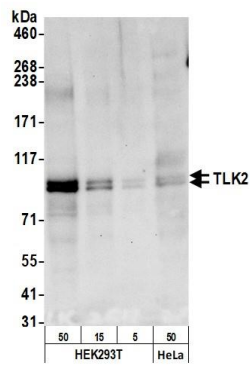
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

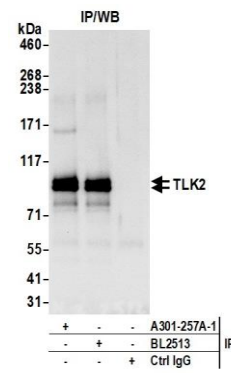
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 3, 2022



**Detection of human TLK2 by western blot.** *Samples:* Whole cell lysate from HEK293T (50, 15 and 5  $\mu$ g) and HeLa (50  $\mu$ g) cells. *Antibody:* Affinity purified rabbit anti-TLK2 antibody (A301-257A lot 1) used for WB at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human TLK2 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-TLK2 antibody (A301-257A lot 1) used for IP at 6  $\mu$ g per reaction. TLK2 was also immunoprecipitated by a second antibody against a different epitope of TLK2 (BL2513). For blotting immunoprecipitated TLK2, A301-257A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.