

# LETM1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O95202.1

Catalog No. A305-558A-T

GeneID 3954

Lot No. A305-558A-T-1

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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	10 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
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to LETM1 immobilized on solid support.

The epitope recognized by A305-558A-T maps to a region between residue 625 to 675 of human LETM1 and EF-hand domain-containing protein 1, mitochondrial using the numbering given in entry O95202.1 (GeneID 3954).

**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/A305-558A-T>

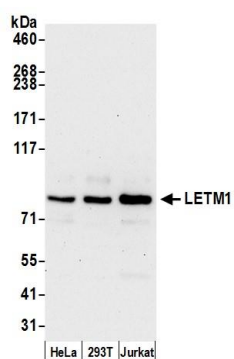
Use the link above to view SDS, a current list of citations, and other product specific information.

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

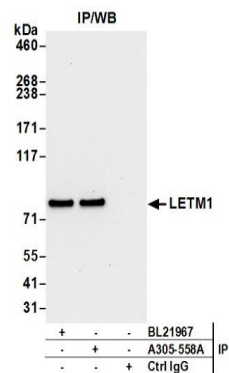
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022



**Detection of human LETM1 by western blot.** *Samples:* Whole cell lysate (15  $\mu$ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-LETM1 antibody A305-558A (lot A305-558A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human LETM1 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-LETM1 antibody A305-558A (lot A305-558A-1) used for IP at 6  $\mu$ g per reaction. LETM1 was also immunoprecipitated by rabbit anti-LETM1 antibody BL21967. For blotting immunoprecipitated LETM1, A305-558A was used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.