

# BLM Antibody

Goat Polyclonal

Antigen Affinity Purified Protein ID NP\_000048.1

Catalog No. A300-120A-T GeneID 641

Lot No. A300-120A-T-2

<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 from human BLM immobilized on solid support.

The epitope recognized by A300-120A-T maps to a region between residues 100 and 150 of human Bloom Syndrome using the numbering given in entry NP\_000048.1 (GeneID 641).

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.

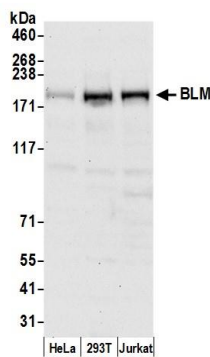
Western Blot 1:10,000 – 1:25,000

Immunoprecipitation 2 – 10 µg/mg lysate

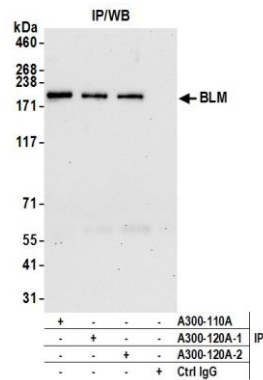
**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-120A-T>

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

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 BLM by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified goat anti-BLM antibody A300-120A (lot A300-120A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human BLM by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified goat anti-BLM antibody A300-120A (lot A300-120A-2) used for IP at 6 µg per reaction. BLM was also immunoprecipitated by a previous lot of this antibody (lot A300-120A-1) and rabbit anti-BLM antibody A300-110A. For blotting immunoprecipitated BLM, A300-120A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.