BLM Antibody

Goat Polyclonal
Antigen Affinity Purified

Catalog No. A300-120A
Lot No. A300-120A-2

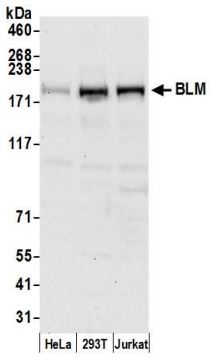
Protein ID NP_000048.1
GeneID 641

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope from human BLM immobilized on solid support. The epitope recognized by A300-120A 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.

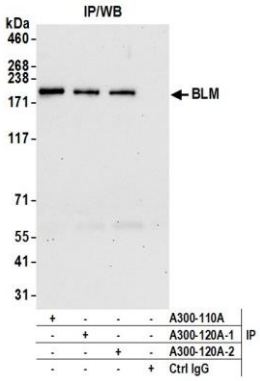
Western Blot	1:10,000 - 1:25,000
Immunoprecipitation	2 - 10 µg/mg lysate

APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A300-120A 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.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



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.