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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATM Antibody

Goat Polyclonal

Antigen Affinity Purified Protein ID NP_000042.2

Catalog No. A300-136A-T GenelD 472

Lot No. A300-136A-T-2

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	10 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 specific to ATM immobilized on solid support.

The epitope recognized by A300-136A-T maps to a region between residues 2550 and 2600 of human Ataxia Telangiectasia Mutated using the numbering given in entry NP_000042.2 (GenelD 472).

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.

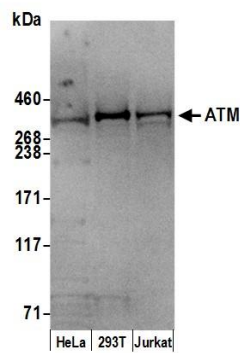
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 5 µg/mg lysate

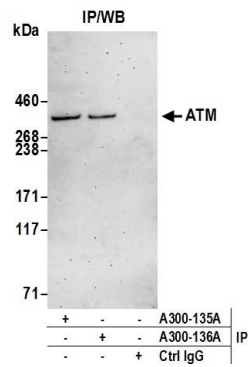
ADDITIONAL INFO <https://www.bethyl.com/product/A300-136A-T>

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 ATM by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified goat anti-ATM antibody A300-136A (lot A300-136A-2) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human ATM 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-ATM antibody A300-136A (lot A300-136A-2) used for IP at 3 µg per reaction. ATM was also immunoprecipitated by goat anti-ATM antibody A300-135A. For blotting immunoprecipitated ATM, A300-136A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.