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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATR Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001175.1

Catalog No. A300-137A

GeneID 545

Lot No. A300-137A-3



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 specific to ATR immobilized on solid support.

The epitope recognized by A300-137A maps to a region between residues 400 and 450 of human Ataxia Telangiectasia and Rad3-related using the numbering given in entry NP_001175.1 (GeneID 545).

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.

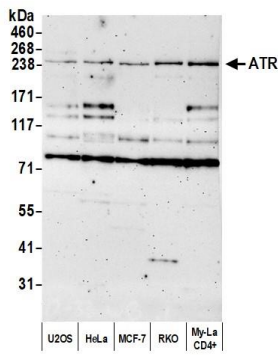
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

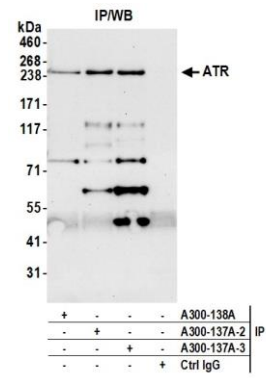
ADDITIONAL INFO <https://www.bethyl.com/product/A300-137A>

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

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: May 25, 2021



Detection of human ATR by western blot. *Samples:* Whole cell lysate (10 µg) from U2OS, HeLa, MCF-7, RKO, and My-La CD4+ cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ATR antibody (A300-137A lot 3) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human ATR 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 rabbit anti-ATR antibody (A300-137A lot 3) used for IP at 6 µg per reaction. ATR was also immunoprecipitated by a previous lot of this antibody (A300-137A lot 2) and a second antibody against a different epitope of rabbit ATR (A300-138A). For blotting immunoprecipitated ATR, A300-137A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.