

# ATR Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-137A

Lot No. A300-137A-3

Protein ID NP\_001175.1

GeneID 545



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.

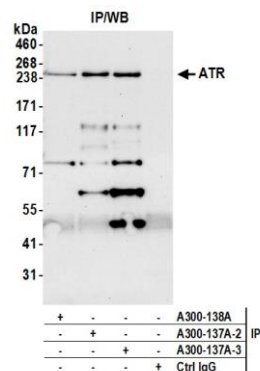
Western Blot 1:2,000 – 1:10,000

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](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 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.