

WRN Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_000544.2
Catalog No. A300-238A	Uniprot ID	Q14191
Lot No. 4	GeneID	7486

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 WRN immobilized on solid support.

The epitope recognized by A300-238A maps to a region between residues 400 and 450 of human Werner Syndrome Helicase using the numbering given in SwissProt entry Q14191 (GeneID 7486).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

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 1:5000 – 1:25,000
	Immunoprecipitation 6 µg/mg lysate

ADDITIONAL INFO	https://www.fortislife.com/p/A300-238A
	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: February 26, 2024



Detection of human WRN by western blot. *Samples:* Whole cell lysate (10 µg) from K-562, RKO, LNCaP, Jurkat, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-WRN antibody (A300-238A lot 4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Detection of human WRN by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg per IP; 10% of IP loaded) from K-562 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-WRN antibody (A300-238A lot 4) used for IP at 6 µg per reaction. WRN was also immunoprecipitated by a previous lot of this antibody (A300-238A lot 3) and a second antibody against a different epitope of WRN (A300-239A). For blotting immunoprecipitated WRN, A300-238A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.