## **WRN Antibody**





Catalog No. A300-238A Uniprot ID Q14191 Lot No. 4 GenelD 7486

APPLICATIONS WB, IP

SPECIES REACTIVITY Human

AMOUNT 100 μI

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** Antibody was affinity purified using an epitope specific to WRN immobilized on solid

**PROCEDURES** 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 - 1:25,000Immunoprecipitation  $6 \mu g/mg$  lysate

ADDITIONAL INFO https://www.fortislife.com/p/A300-238A

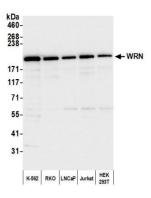
Use the link above to view SDS, a current list of citations, and other product specific information.

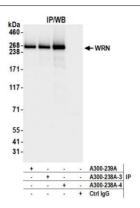
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: February 26, 2024

WRN Antibody A300-238A





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.