

RecQ1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_002898.2
Catalog No. A300-447A	Uniprot ID	P46063
Lot No. 2	GeneID	5965

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to RecQ1 immobilized on solid support.

The epitope recognized by A300-447A maps to a region between residues 1 and 50 of human RecQ protein-like (DNA helicase Q1-like) 1 using the numbering given in Swiss-Prot entry P46063 (GeneID 5965).

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

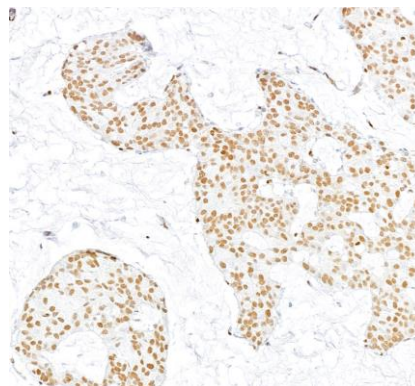
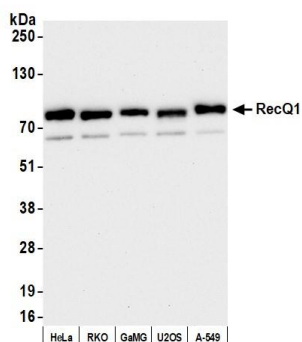
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000 – 1:10,000
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma, Testicular Seminoma

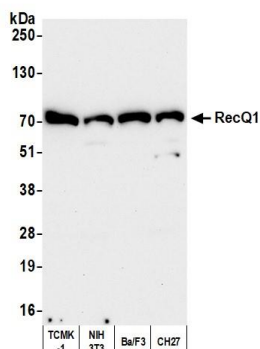
ADDITIONAL INFO <https://www.fortislife.com/p/A300-447A>
Use the link above to view SDS, a current list of citations, and other product specific information.

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 RecQ1 by western blot. *Samples:* Whole cell lysate (10 μ g) from HeLa, RKO, GaMG, U2OS, and A-549 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RecQ1 antibody (A300-447A lot 2) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.

Detection of human RecQ1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-RecQ1 (A300-447A lot 2) used at a dilution of 1:200 (1 μ g/ml). *Detection:* DAB



Detection of mouse RecQ1 by western blot. *Samples:* Whole cell lysate (50 μ g) from TCMK-1, NIH 3T3, Ba/F3, and CH27 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RecQ1 antibody (A300-447A lot 2) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.