

XRN2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_036387.2
Catalog No. A301-103A	Uniprot ID	Q9H0D6
Lot No. 3	GenelD	22803

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
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 XRN2 immobilized on solid support. The epitope recognized by A301-103A maps to a region between residue 900 and 950 human 5'-3' exoribonuclease 2 using the numbering given in entry NP_036387.2 (GenelD 22803).

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 Immunohistochemistry 1:500 to 1:2000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
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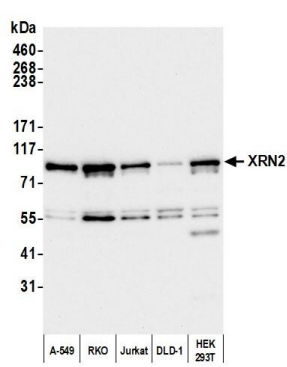
IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma

IHC MOUSE CONTROLS Renal Cell Carcinoma

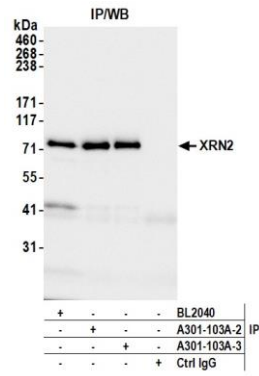
ADDITIONAL INFO <https://www.fortislifesciences.com/p/A301-103A>

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

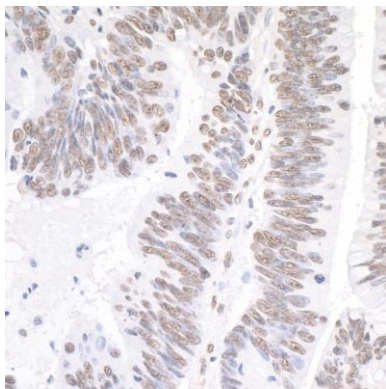
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 24, 2024



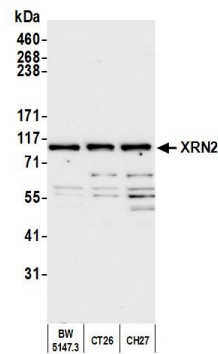
Detection of human XRN2 by western blot. *Samples:* Whole cell lysate (10 µg) from A-549, RKO, Jurkat, DLD-1, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-XRN2 antibody (A301-103A lot 3) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



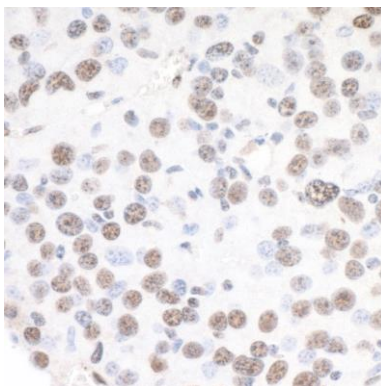
Detection of human XRN2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-XRN2 antibody (A301-103A lot 3) used for IP at 6 µg per reaction. XRN2 was also immunoprecipitated by a previous lot of this antibody (A301-103A lot 2) and a second antibody against a different epitope of XRN2 (BL2040). For blotting immunoprecipitated XRN2, A301-103A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human XRN2 by immunohistochemistry. *Sample:* FFPE sections of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-XRN2 (A301-103A) used at a dilution of 1:1000 (0.2µg/ml). *Detection:* DAB



Detection of mouse XRN2 by western blot. *Samples:* Whole cell lysate (10 µg) from BW5147.3, CT26, and CH27 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-XRN2 antibody (A301-103A lot 3) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

**Detection of mouse XRN2 by immunohistochemistry.**

Sample: FFPE sections of mouse renal cell carcinoma.

Antibody: Affinity purified rabbit anti-XRN2 (A301-103A) used at a dilution of 1:1000 (0.2µg/ml). *Detection:* DAB