

RNF2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_009143.1

Catalog No. A302-869A

GeneID 6045

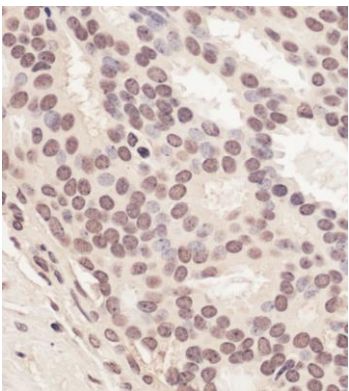
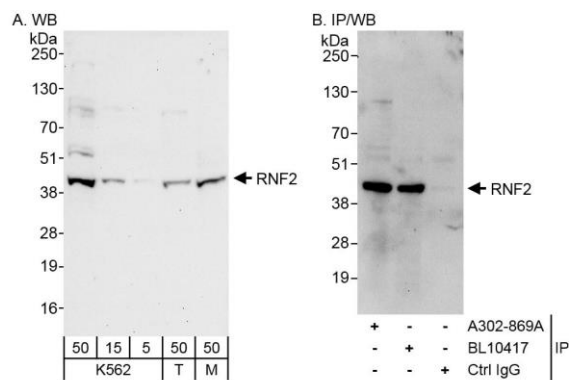
Lot No. A302-869A-1



APPLICATIONS	WB, IP, IHC, ChIP-Seq								
SPECIES REACTIVITY	Human, Mouse								
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Orangutan								
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 RNF2 immobilized on solid support. The epitope recognized by A302-869A maps to a region between residue 150 and 200 of human Ring Finger Protein 2 using the numbering given in entry NP_009143.1 (GeneID 6045). Antibody 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>ChIP-Seq</td><td>ChIP-Seq 10 µg as per Ram O et al., Cell. 2011 Dec 23;147(7):1628–39.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 5 µg/mg lysate	Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.	ChIP-Seq	ChIP-Seq 10 µg as per Ram O et al., Cell. 2011 Dec 23;147(7):1628–39.
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APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4–20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.								
IHC HUMAN CONTROLS	Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma								
ADDITIONAL INFO	https://www.bethyl.com/product/A302-869A 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								

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



Detection of human and mouse RNF2 by western blot (h&m) and immunoprecipitation (h). *Samples:* Whole cell lysate from K-562 (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-RNF2 antibody A302-869A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. RNF2 was also immunoprecipitated by rabbit anti-RNF2 antibody BL10417, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).

Detection of human RNF2 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-RNF2 (Cat. No. A302-869A Lot1) used at a dilution of 1:1,000 (1 μ g/ml). *Detection:* Vector ImmPACT NovaRED