

RFX1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_002909.4

Catalog No. A303-043A

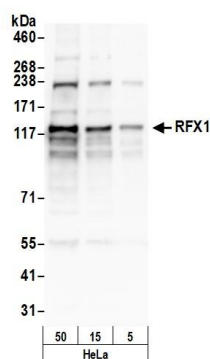
GeneID 5989

Lot No. A303-043A-2

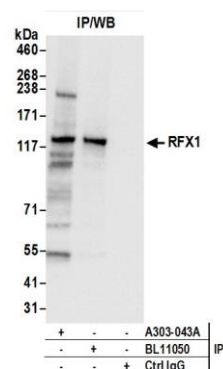


APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to RFX1 immobilized on solid support.</p> <p>The epitope recognized by A303-043A maps to a region between residue 929 and 979 of human Regulatory Factor X, 1 using the numbering given in entry NP_002909.4 (GeneID 5989).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:2,000 – 1:10,000</p> <p>Immunoprecipitation 2 – 10 µg/mg lysate</p> <p>Immunohistochemistry 1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
APPLICATION NOTES	<p>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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p>
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A303-043A</p> <p>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</p>

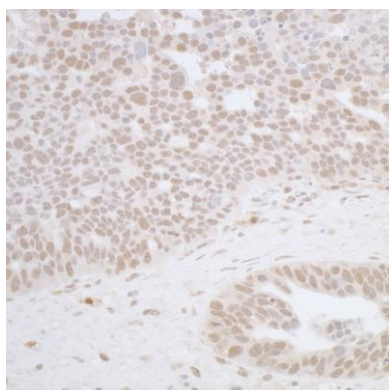
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



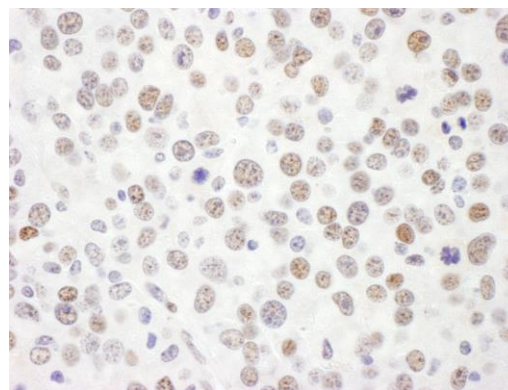
Detection of human RFX1 by western blot. *Samples:* Whole cell lysate (5, 15 and 50 µg) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RFX1 antibody A303-043A (lot A303-043A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human RFX1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-RFX1 antibody A303-043A (lot A303-043A-2) used for IP at 6 µg per reaction. RFX1 was also immunoprecipitated by rabbit anti-RFX1 antibody BL11050. For blotting immunoprecipitated RFX1, A303-043A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human RFX1 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-RFX1 (Cat. No. A303-043A Lot2) used at a dilution of 1:1,000 (0.2 µg/ml). *Detection:* DAB. *Counterstain:* Hematoxylin (blue).



Detection of mouse RFX1 by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-RFX1 (Cat. No. A303-043A Lot2) used at a dilution of 1:1,000 (0.2 µg/ml). *Detection:* DAB