## **PRPF8** Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_006436.3

Catalog No. A303-921A GeneID 10594

Lot No. A303-921A-1

**APPLICATIONS** WB, IP, IHC

SPECIES REACTIVITY Human, Mouse

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 PRPF8 immobilized on solid support.

The epitope recognized by A303-921A maps to a region between residue 1825 and 1875 of human Pre-mRNA-Processing Factor 8 using the numbering given in entry NP\_006436.3 (GeneID

10594).

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.

Western Blot 1:2,000 - 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

**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 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Testis

ADDITIONAL INFO https://www.bethyl.com/product/A303-921A

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

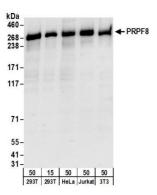
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

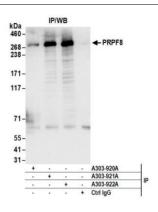
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



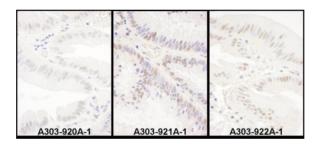
PRPF8 Antibody A303-921A





Detection of human and mouse PRPF8 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50  $\mu$ g), HeLa (50 $\mu$ g), Jurkat (50 $\mu$ g), and mouse NIH 3T3 (50 $\mu$ g) cells. Antibodies: Affinity purified rabbit anti-PRPF8 antibody A303-921A (lot A303-921A-1) used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human PRPF8 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-PRPF8 antibody A303-921A (lot A303-921A-1) used for IP at 6 μg/mg lysate. PRPF8 was also immunoprecipitated by rabbit anti-PRPF8 antibodies A303-920A and A303-922A For blotting immunoprecipitated PRPF8, A303-921A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Detection of human PRPF8 by immunohistochemistry. *Samples:* FFPE serial sections of human colon carcinoma. *Antibody:* Affinity purified rabbit anti- PRPF8 (Cat. No. A303-920A Lot1, left panel, A303-921A Lot1, middle panel and Cat. No. A303-922A Lot1, right panel) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB