SF3B4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005841.1

Catalog No. A303-950A GeneID 10262

Lot No. A303-950A-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human. Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat

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 SF3B4 immobilized on solid support.

The epitope recognized by A303-950A maps to a region between residue 374 to 424 of human Splicing Factor 3b, Subunit 4, 49kDa using the numbering given in entry NP_005841.1 (GeneID

10262).

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. \$100-020),

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 Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

IHC MOUSE CONTROLS Renal Cell Carcinoma, Teratoma

ADDITIONAL INFO https://www.bethyl.com/product/A303-950A

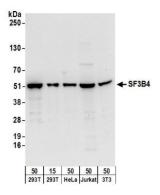
Use the link above to view SDS, a current list of citations, and other product specific information.

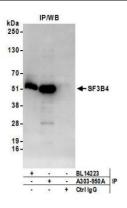
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



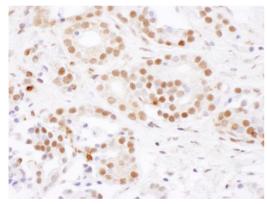
SF3B4 Antibody A303-950A



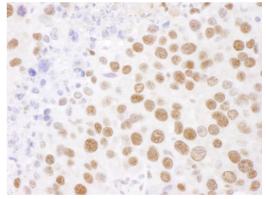


Detection of human and mouse SF3B4 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 μ g), HeLa (50 μ g), Jurkat (50 μ g), and mouse NIH 3T3 (50 μ g) cells. Antibodies: Affinity purified rabbit anti-SF3B4 antibody A303-950A (lot A303-950A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

Detection of human SF3B4 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–SF3B4 antibody A303–950A (lot A303–950A–1) used for IP at 6 μ g/mg lysate. SF3B4 was also immunoprecipitated by rabbit anti–SF3B4 antibody BL14223. For blotting immunoprecipitated SF3B4, A303–950A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Detection of human SF3B4 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti- SF3B4 (Cat. No. A303-950A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB



Detection of mouse SF3B4 by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti– SF3B4 (Cat. No. A303–950A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB