SF3a120/SAP114 Antibody

Rabbit Polyclonal

CONCENTRATION

Antigen Affinity Purified NP 005868.1 Protein ID

10291 Catalog No. A301-603A GeneID

Lot No. A301-603A-1

APPLICATIONS WB. IP. IHC SPECIES REACTIVITY Human

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

AMOUNT 100 ul

200 ua/ml STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE Liauid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG **ORIGIN** USA

PRODUCTION Antibody was affinity purified using an epitope specific to SF3a120/SAP114 immobilized on solid **PROCEDURES**

support.

The epitope recognized by A301-603A maps to a region between residue 500 and 550 of human splicing factor 3a, subunit 1, 120kDa using the numbering given in entry NP_005868.1 (GeneID

10291).

Immunoglobulin 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 - 5 µg/mg lysate

Immunohistochemistry 1:100 - 1:500. 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 4-8% 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, Ovarian Carcinoma, Prostate Carcinoma, Testicular

Seminoma

IHC MOUSE CONTROLS Renal Cell Carcinoma, Teratoma

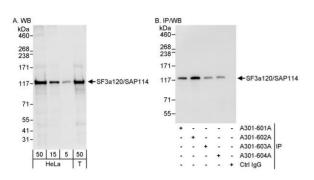
ADDITIONAL INFO https://www.bethyl.com/product/A301-603A

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

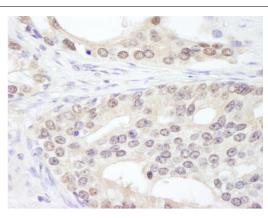
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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: lune 21, 2019





Detection of human SF3a120/SAP114 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 μ g) cells. Antibodies: Affinity purified rabbit anti-SF3a120/SAP114 antibody A301-603A used for WB at 0.04 μ g/ml (A) and 0.1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. SF3a120/SAP114 was also immunoprecipitated by rabbit anti-SF3a120/SAP114 antibodies A301-601A, A301-602A, and A301-604A, which recognize other epitopes. Detection: Chemiluminescence with exposure times of 3 seconds (A and B).



Detection of human SF3a120/SAP114 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-SF3a120/SAP114 (Cat. No. A301-603A Lot1) used at a dilution of 1:200 (1µg/ml). Detection: DAB