

SF3b145/SAP145 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID AAA97461.1

Catalog No. A301-606A GeneID 10992

Lot No. A301-606A-1



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
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	Antibody was affinity purified using an epitope specific to SF3b145/SAP145 immobilized on solid support.

The epitope recognized by A301-606A maps to a region between residue 825 and 872 of human splicing factor 3b, subunit 2, 145kDa (spliceosome associated protein 145) using the numbering given in entry AAA97461.1 (GeneID 10992).

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. 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 Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma

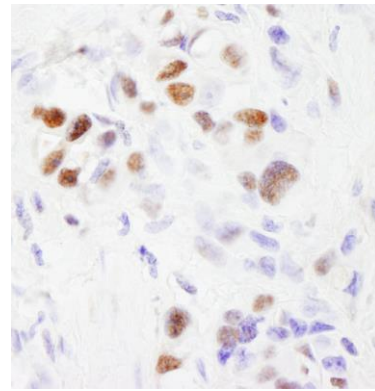
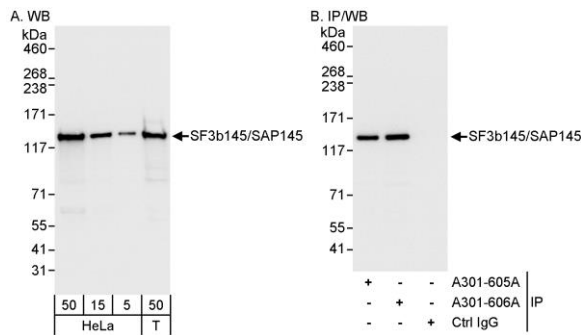
IHC MOUSE CONTROLS Renal Cell Carcinoma, Teratoma

ADDITIONAL INFO <https://www.bethyl.com/product/A301-606A>

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 SF3b145/SAP145 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-SF3b145/SAP145 antibody A301-606A 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. SF3b145/SAP145 was also immunoprecipitated by rabbit anti-SF3b145/SAP145 antibody A301-605A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 1 second (A and B).

Detection of human SF3b145/SAP145 by immunohistochemistry. *Sample:* FFPE section of human linitis plastica stomach cancer. *Antibody:* Affinity purified rabbit anti-SF3b145/SAP145 (Cat. No. A301-606A Lot1) used at a dilution of 1:200 (1 μ g/ml). *Detection:* DAB