

SF3B3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_036558.3

Catalog No. A302-508A

GeneID 23450

Lot No. A302-508A-1



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Zebrafish and Bovine
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 SF3B3 immobilized on solid support.

The epitope recognized by A302-508A maps to a region between residue 1167 and 1217 of human splicing factor 3b, subunit 3 using the numbering given in entry NP_036558.3 (GeneID 23450).

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 - 5 µg/mg lysate

Immunohistochemistry 1:200 - 1:1,000. 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, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma

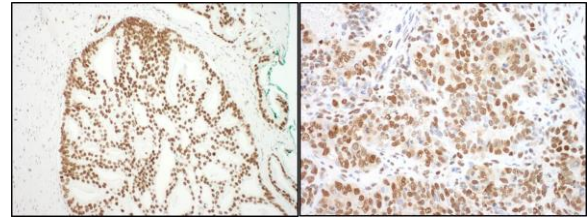
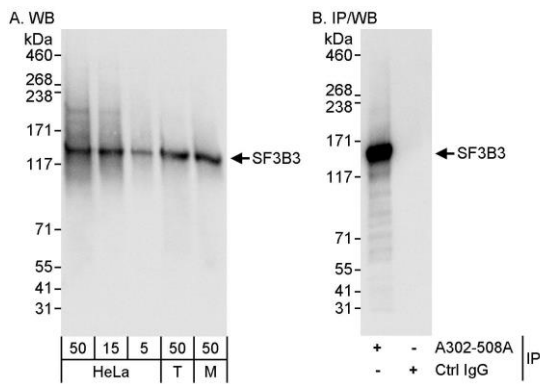
IHC MOUSE CONTROLS Colon Carcinoma CT26, Hybridoma Tumor, Renal Cell Carcinoma, Teratoma

ADDITIONAL INFO <https://www.bethyl.com/product/A302-508A>

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 and mouse SF3B3 by western blot (h&m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-SF3B3 antibody A302-508A 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. *Detection:* Chemiluminescence with exposure times of 1 second (A and B).

Detection of human and mouse SF3B3 by immunohistochemistry. *Sample:* FFPE sections of human prostate carcinoma (left) and mouse teratoma (right). *Antibody:* Affinity purified rabbit anti-SF3B3 (Cat. No. A302-508A Lot1) used at a dilution of 1:200 (1 μ g/ml). *Detection:* DAB