

# Phospho-SF3B1-T313 Rabbit pAb

Catalog No.: AP0844 **1 Publications**

## Basic Information

**Observed MW**

155kDa

**Calculated MW**

146kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human, Mouse, Rat

## Background

This gene encodes subunit 1 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. The carboxy-terminal two-thirds of subunit 1 have 22 non-identical, tandem HEAT repeats that form rod-like, helical structures. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Immunogen Information

**Gene ID**

23451

**Swiss Prot**

O75533

**Immunogen**

A synthetic phosphorylated peptide around T313 of human SF3B1 (NP\_036565.2).

**Synonyms**

MDS; PRP10; Hsh155; PRPF10; SAP155; SF3b155; Phospho-SF3B1-T313

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

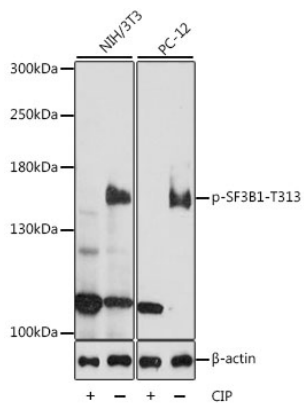
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using Phospho-SF3B1-T313 Rabbit pAb (AP0844) at 1:1000 dilution. NIH 3T3 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour. PC-12 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.