

SF3B1 Rabbit pAb

Catalog No.: A15801 **1 Publications**

Basic Information

Observed MW

150kDa

Calculated MW

146kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

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**IF/ICC** 1:50 - 1:200**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

23451

Swiss Prot

O75533

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

MDS; PRP10; Hsh155; PRPF10; SAP155; SF3b155; SF3B1

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

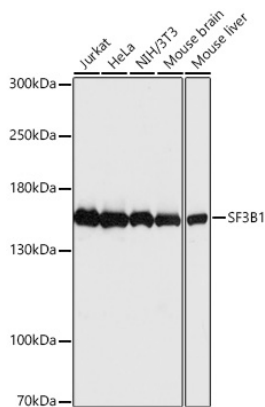
Affinity purification

Storage

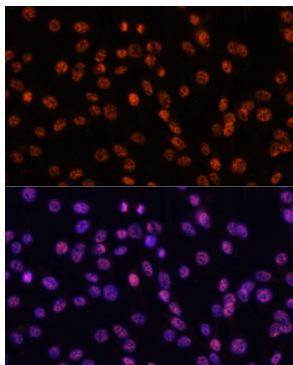
Store at -20°C. Avoid freeze / thaw cycles.

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

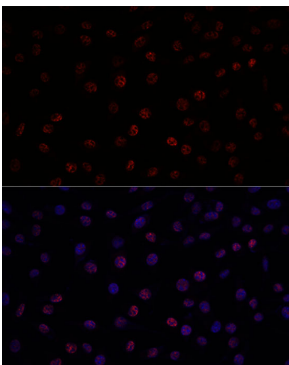
Validation Data



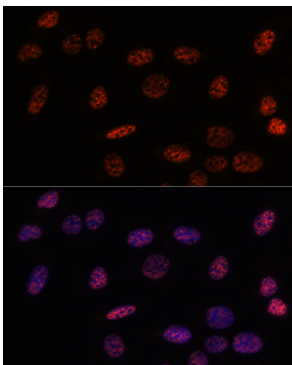
Western blot analysis of various lysates using SF3B1 Rabbit pAb (A15801) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of C6 using SF3B1 Rabbit pAb (A15801) at dilution of d100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 using SF3B1 Rabbit pAb (A15801) at dilution of d100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2OS using SF3B1 Rabbit pAb (A15801) at dilution of d100 (40x lens). Blue: DAPI for nuclear staining.