

SF3B1 Rabbit Polyclonal Antibody



CAB15801

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

160kDa

Calculated MW:

16kDa/145kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

23451

Uniprot

O75533

Synonyms:

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

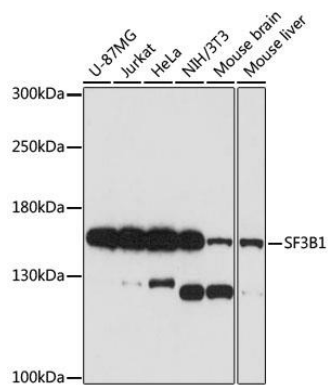
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-144 of human SF3B1 (NP_001005526.1).

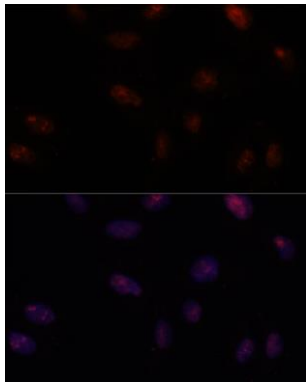
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using SF3B1 antibody (CAB15801) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of U-2 OS cells using SF3B1 antibody (CAB15801) at dilution of 1:100. Blue: DAPI for nuclear staining.