

Datasheet for ABIN7270543
anti-SF3B1 antibody (AA 1-144)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	SF3B1
Binding Specificity:	AA 1-144
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SF3B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	SF3B1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-144 of human SF3B1 (NP_001005526.1).
Sequence:	MAKIAKTHED IEAQIREIQG KKAALDEAQG VGLDSTGYD QEIYGGSDSR FAGYVTSIAA TELEDDDDDY SSSTSLLGQK KPGYHAPVAL LNDIPQSTEQ YDPFAEHRPP KIADREDEYK KHRRTMIISP ERLDPFADGF YSAA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

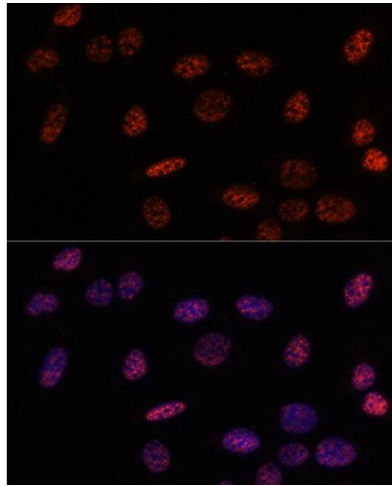
Target:	SF3B1
Alternative Name:	SF3B1 (SF3B1 Products)
Background:	<p>This gene encodes subunit 1 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a 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.,SF3B1,Hsh155,MDS,PRP10,PRPF10,SAP155,SF3b155,Epigenetics & Nuclear Signaling,RNA Binding,SF3B1</p>
Molecular Weight:	16kDa/145kDa
Gene ID:	23451
UniProt:	O75533
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

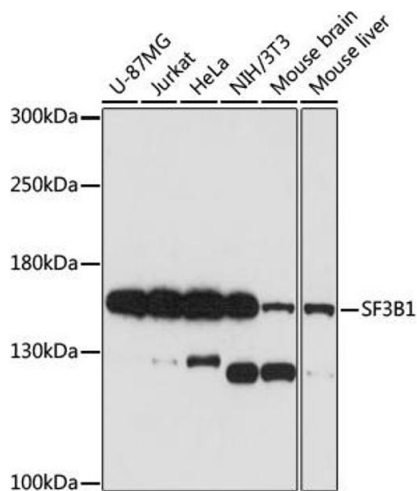
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



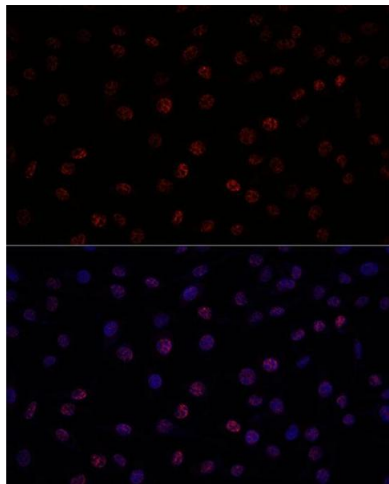
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2OS using SF3B1 antibody (ABIN7270543) at dilution of d100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using SF3B1 antibody (ABIN7270543) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) 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: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of L929 using SF3B1 antibody (ABIN7270543) at dilution of d100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7270543.