## .-online.com antibodies

# Datasheet for ABIN657676 anti-SF3B1 antibody (N-Term)

4 Images



#### Overview

Quantity:	400 µL
Target:	SF3B1
Binding Specificity:	AA 374-402, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SF3B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This SF3B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-402 amino acids from the N-terminal region of human SF3B1.
Clone:	RB33758
lsotype:	Ig Fraction
Predicted Reactivity:	X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

Target:	SF3B1
Alternative Name:	SF3B1 (SF3B1 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN657676 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

## Target Details

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. [provided by RefSeq].

Molecular Weight:	145830
Gene ID:	23451
NCBI Accession:	NP_036565
UniProt:	075533
Pathways:	Chromatin Binding

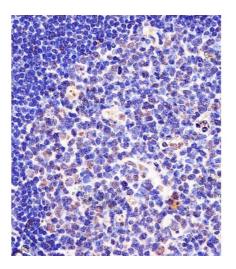
## Application Details

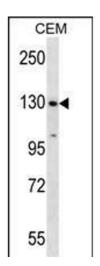
Application Notes:	WB: 1:1000. WB: 1:2000. IHC-P: 1:10~50. IHC-P: 1:25
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	SF3B1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN657676 | 09/12/2023 | Copyright antibodies-online. All rights reserved.



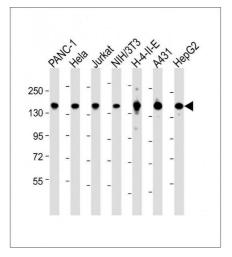




**Image 1.** (ABIN657676 and ABIN2846668) staining SF3B1 in human tonsil tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

#### Western Blotting

**Image 2.** SF3B1 Antibody (N-term) (ABIN657676 and ABIN2846668) western blot analysis in CEM cell line lysates (35 µg/lane).This demonstrates the SF3B1 antibody detected the SF3B1 protein (arrow).



#### Western Blotting

**Image 3.** All lanes : Anti-SF3B1 Antibody (N-term) at 1:2000 dilution Lane 1: NC-1 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: NIH/3T3 whole cell lysate Lane 5: H-4-II-E whole cell lysate Lane 6: A431 whole cell lysate Lane 7: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 146 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN657676.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN657676 | 09/12/2023 | Copyright antibodies-online. All rights reserved.