

Datasheet for ABIN7270544

**anti-SF3B3 antibody**

5 Images

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## Overview

Quantity:	100 µL
Target:	SF3B3
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SF3B3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	SF3B3/SAP130 Rabbit mAb
Immunogen:	A synthesized peptide derived from human SF3B3/SAP130
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	SF3B3
Alternative Name:	SF3B3 ( <a href="#">SF3B3 Products</a> )
Background:	This gene encodes subunit 3 of the splicing factor 3b protein complex. Splicing factor 3b,

## Target Details

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. Subunit 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator-HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair. [provided by RefSeq, Jul 2008],RSE1, SAP130, SF3b130, STAF130,Epigenetics & Nuclear Signaling,Transcription Factors,SF3B3

Molecular Weight: 136kDa

Gene ID: 23450

UniProt: [Q15393](#)

## Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

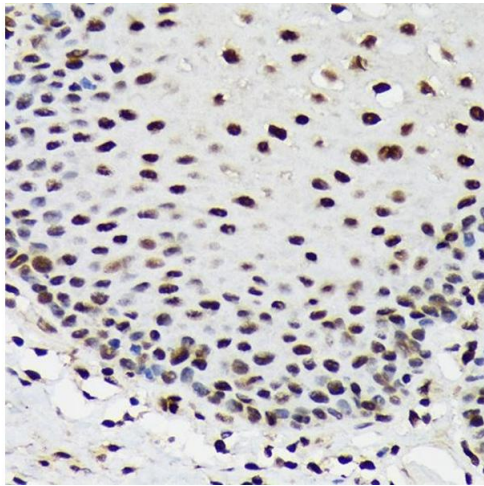
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

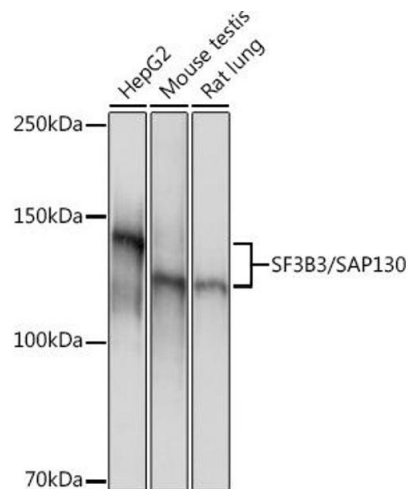
Storage: -20 °C

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



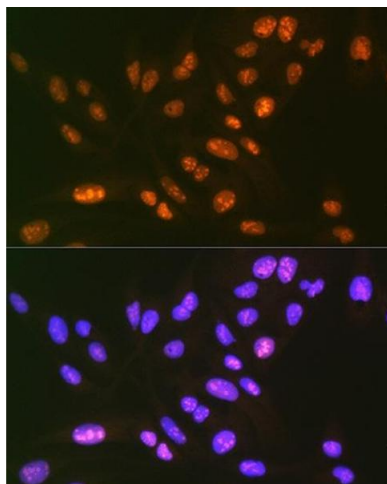
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human esophageal using SF3B3/S Rabbit mAb (ABIN7270544) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using SF3B3/S Rabbit mAb (ABIN7270544) 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: 1s.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of U-2 OS cells using SF3B3/S Rabbit mAb (ABIN7270544) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7270544.