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# Datasheet for ABIN1449241 anti-SF3B1 antibody (AA 98-198)

3 Images

1 Publication



#### Overview

Quantity:	0.1 mg
Target:	SF3B1
Binding Specificity:	AA 98-198
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SF3B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant GST-Sap155 (98 a.a 198 a.a.)
Clone:	16
lsotype:	lgG2b
Specificity:	This antibody reacts with Sap155.
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse
Purification:	Protein A agarose

### Target Details

Target:	SF3B1
Alternative Name:	SF3B1 / SAP155 (SF3B1 Products)

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# Target Details

Background:	SF3 is a U2 snRNP-associated protein complex essential for spliceosome assembly and		
	splicing catalysis of the majo r spliceosome. SF3 contains the Spliceosome-Associated		
	Proteins, Sap 49, 130, 145, and 155. Sap155/Sf3b1 is an essential subunit of the U2 snRNP for		
	mRNA splicing and has also been identified in the minor (U12-dependent) sp liceosome.		
	Sap155 interacts with the mammalian PcG (Polycomb group) proteins, Mel18 and Ring1B by		
	the yeast two hybrid system. Sap155 contains numerous Cdk consensus phosphorylation sites		
	in its N terminus and is phosphorylated prior to catal ytic step II of the splicing pathway.		
	Sap155 serves as a substrate for cyclin E-cdk2 in vitro , suggesting that pre-mRNA splicing may		
	be linked to the cell cycle machiner y in mammalian cells.Synonyms: Pre-mRNA-splicing factor		
	SF3b 155 kDa subunit, SAP 155, SAP-155, SF3b155, Spliceosome-associated protein 155,		
	Splicing factor 3B subunit 1		
Molecular Weight:	155 kDa		
Gene ID:	23451		
NCBI Accession:	NP_036565		
UniProt:	075533		
Pathways:	Chromatin Binding		

# Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Concentration:	1.0 mg/mL	
Buffer:	PBS containing 50 % glycerol, pH 7.2. Contains no preservatives.	
Preservative:	Without preservative	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Upon receipt, store (in aliqouts) at -20 °C.	
Publications		
Product cited in:	Dietz, Maes, Huang, Yandell, Schlamp, Montgomery, Allingham, Hauser, Nickells: "Spink2	

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### Images





# kDa 1 2 3 4 5 6 7 8 9 170 -116 -76 -

#### Immunofluorescence

Image 1.

#### Western Blotting

Image 2.

Western Blotting	

Image 3.

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