

ARG59934 anti-SF3B3 / SAP130 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SF3B3 / SAP130
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SF3B3 / SAP130
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 948-1217 of Human SF3B3 (NP_036558.3).
Conjugation	Un-conjugated
Alternate Names	RSE1; Pre-mRNA-splicing factor SF3b 130 kDa subunit; STAF130; SF3b130; Splicing factor 3B subunit 3; Spliceosome-associated protein 130; SAP 130; SAP130

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	140 kDa	

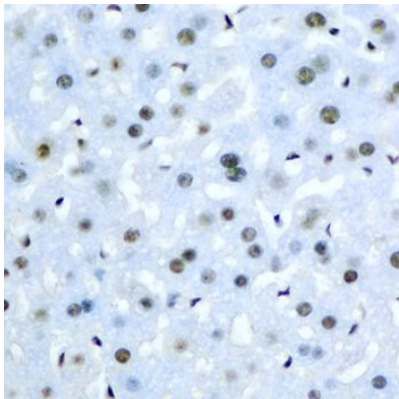
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

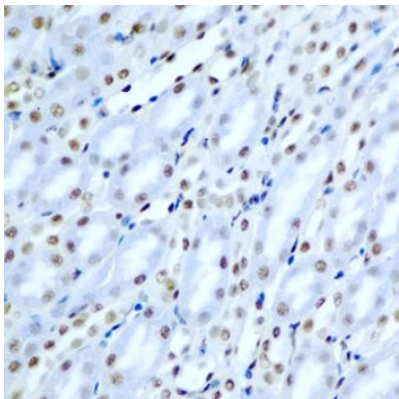
Gene Symbol	SF3B3
Gene Full Name	splicing factor 3b, subunit 3, 130kDa
Background	This gene encodes subunit 3 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing 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. 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]
Function	Subunit of the splicing factor SF3B required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. May also be involved in the assembly of the 'E' complex. Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron. [UniProt]
Calculated Mw	136 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59934 anti-SF3B3 / SAP130 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse liver stained with ARG59934 anti-SF3B3 / SAP130 antibody at 1:200 dilution.



ARG59934 anti-SF3B3 / SAP130 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney stained with ARG59934 anti-SF3B3 / SAP130 antibody at 1:200 dilution.