

Rabbit SF3B1 Polyclonal Antibody | anti-SF3B1 antibody

SF3B1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198751	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Immunohistochemistry, Western Blot

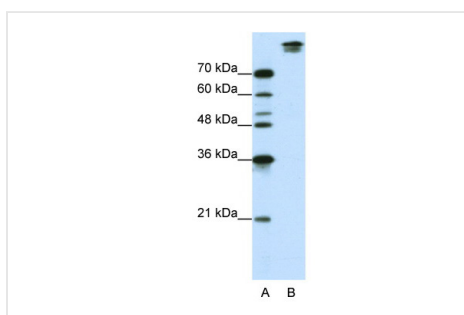
PRODUCT SYNONYMS

SF3B1; Polyclonal Antibody; SF3B1 antibody - N-terminal region; anti-SF3B1 antibody

PRODUCT SPECIFICATIONS

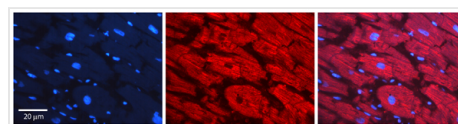
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ER LDPFADGGKT PDPKMNARTY MDVMREQHLT KEEREIRQQL AEKAKAGE
Sequence Length	789
Applicable Applications for anti-SF3B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SF3B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SF3B1 Antibody Titration: 0.3125ug/ml
 ELISA Titer: 1:312500
 Positive Control: Jurkat cell lysate
 SF3B1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



IHC (Immunohistochemistry)

Rabbit Anti-SF3B1 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue Observed Staining: Cytoplasmic
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-SF3B1 antibody	This is a rabbit polyclonal antibody against SF3B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SF3B1 is 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.
Product Categories/Family for anti-SF3B1 antibody	Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	33525215
NCBI GeneID	23451
NCBI Accession #	AAH56155
NCBI GenBank Nucleotide #	NM_001005526
UniProt Accession #	Q7Z497; O75533
Molecular Weight	87kDa
NCBI Official Full Name	SF3B1 protein, partial
NCBI Official Synonym Full Names	splicing factor 3b subunit 1
NCBI Official Symbol	SF3B1
NCBI Official Synonym Symbols	MDS; PRP10; Hsh155; PRPF10; SAP155; SF3b155
NCBI Protein Information	splicing factor 3B subunit 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sf3b1-antibody-immunohistochemistry-western-blot-elisa/198751>