

Rabbit SF3B1 Polyclonal Antibody | anti-SF3B1 antibody

SF3B1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198602	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

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, Rabbit, 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: MA KIAKTHEDIE AQIREIQGKK AALDEAQGVG LDSTGYDQE IYGGSDSR
Sequence Length	1304
Applicable Applications for anti-SF3B1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
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



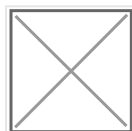
WB (Western Blot)

WB Suggested Anti-SF3B1 Antibody Titration: 1.25ug/ml Positive Control: Human Thymus



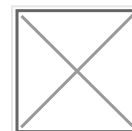
WB (Western Blot)

Host: Rabbit Target Name: SF3B1 Sample Tissue: Human MCF7 Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-SF3B1 Antibody Paraffin Embedded Tissue: Human Skin Cellular Data: Epidermal cells Antibody Concentration: 16 ug/ml Magnification: 400X



IHC (Immunohistochemistry)

Rabbit Anti-SF3B1 Antibody Paraffin Embedded Tissue: Human Liver Cellular Data: Hepatocytes Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



IHC (Immunohistochemistry)

Rabbit Anti-SF3B1 AntibodyParaffin Embedded Tissue: Human alveolar cellCellular Data:
Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-SF3B1 antibody	This is a rabbit polyclonal antibody against SF3B1. It was validated on Western Blot and immunohistochemistry 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.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.
Product Categories/Family for anti-SF3B1 antibody	Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112117
NCBI GeneID	23451
NCBI Accession #	NP_036565
NCBI GenBank Nucleotide #	NM_012433
UniProt Accession #	O75533
Molecular Weight	143kDa
NCBI Official Full Name	splicing factor 3B subunit 1 isoform 1
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
UniProt Protein Name	Splicing factor 3B subunit 1
UniProt Gene Name	SF3B1
UniProt Synonym Gene Names	SAP155; SF3b155; SAP 155
UniProt Entry Name	SF3B1_HUMAN

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.