

Rabbit SF3B1 Polyclonal Antibody | anti-SF3B1 antibody

SF3B1 Antibody (N-term)

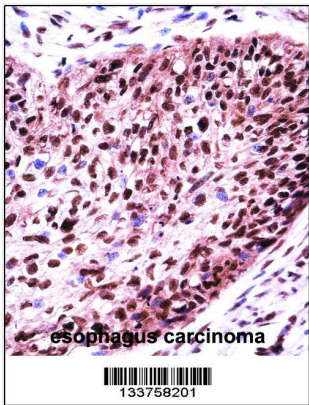
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288920	Rabbit	Human (Predicted Reactivity: Mouse, Xenopus)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

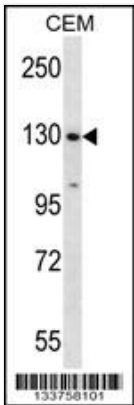
SF3B1; Polyclonal Antibody; SF3B1 Antibody (N-term); Splicing factor 3B subunit 1; Pre-mRNA-splicing factor SF3b 155 kDa subunit; SF3b155; Spliceosome-associated protein 155; SAP 155; SAP155; anti-SF3B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SF3B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-402 amino acids from the N-terminal region of human SF3B1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	374-402
Sequence Length	144
Applicable Applications for anti-SF3B1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
SF3B1 Antibody (N-term) (AAA288920)immunohistochemistry analysis in formalin fixed and paraffin embedded human esophagus carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SF3B1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SF3B1 Antibody (N-term) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the SF3B1 antibody detected the SF3B1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SF3B1 antibody	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. [provided by RefSeq].
References	Corsini, L., et al. J. Biol. Chem. 284(1):630-639(2009) Tanuma, N., et al. J. Biol. Chem. 283(51):35805-35814(2008) Pessa, H.K., et al. Proc. Natl. Acad. Sci. U.S.A. 105(25):8655-8660(2008) Kuwasako, K., et al. Proteins 71(4):1617-1636(2008) Avila, M.L., et al. Biochem. Biophys. Res. Commun. 364(1):26-32(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112117
NCBI GeneID	23451
NCBI Accession #	NP_036565.2
NCBI GenBank Nucleotide #	NM_012433.3
UniProt Accession #	O75533; E9PCH3
Molecular Weight	145830
NCBI Official Full Name	splicing factor 3B subunit 1 isoform 1
NCBI Official Synonym Full Names	splicing factor 3b, subunit 1, 155kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sf3b1-antibody-immunohistochemistry-western-blot-elisa/288920>