SF3B6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SF3B6, Polyclonal Antibody
Full Product Name	SF3B6 Antibody; Biotin conjugated
Product Gene Name	anti-SF3B6 antibody
Product Synonym Names	Splicing factor 3B subunit 6; Pre-mRNA branch site protein p14; SF3b 14 kDa subunit; SF3B14a; Spliceosome-associated protein; 14-kDa; Splicing factor 3b; subunit 6; 14kDa; SF3B6; SAP14; SF3B14; SF3B14A; CGI-110; HSPC175; HT006
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: SF3B6 (MBS7000326) Biotin Conjugated Antibody: SF3B6 (MBS7005558)
Molecular Weight	14,585 Da
OMIM	607835
3D Structure	ModBase 3D Structure for Q9Y3B4
Immunogen	Recombinant human Splicing factor 3B subunit 6 protein
Conjugation	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161214
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SF3B6 antibody	ELISA (EIA)
Related Product Information for anti-SF3B6 antibody	Necessary for the splicing of pre-mRNA. Directly contacts the pre-mRNA branch site adenosine for the first catalytic step of splicing. Enters the spliceosome and associates with the pre-mRNA branch site as part of the 17S U2 or, in the case of the minor spliceosome, as part of the 18S U11/U12 snRNP complex, and thus may facilitate the interaction of these snRNP with the branch sites of U2 and U12 respectively.
Other Notes	Small volumes of anti-SF3B6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SF3B6 purchase	MBS7005558 is an antibody targeting SF3B6. Also known as SF3B6 Antibody; Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SF3B6. It may not necessarily be applicable to this product.

NCBI GI #	7706326
NCBI GeneID	51639
NCBI Accession #	NP_057131.1
UniProt Primary Accession #	Q9Y3B4
UniProt Secondary Accession #	Q53TM1
UniProt Related Accession #	Q9Y3B4
GenBank Nucleotide #	NM_016047.3
NCBI Official Full Name	splicing factor 3B subunit 6
NCBI Official Synonym Full Names	splicing factor 3b subunit 6
NCBI Official Symbol	SF3B6
NCBI Official Synonym Symbols	P14; Ht006; SAP14; SAP14a; SF3B14; CGI-110; HSPC175; SF3B14a
UniProt Protein Name	Splicing factor 3B subunit 6
UniProt Synonym Protein Names	Pre-mRNA branch site protein p14; SF3b 14 kDa subunit; SF3B14a; Spliceosome-associated protein, 14-kDa; Splicing factor 3b, subunit 6, 14kDa
Protein Family	Splicing factor
UniProt Gene Name	SF3B6
UniProt Synonym Gene Names	SAP14; SF3B14; SF3B14A; SF3B14a
UniProt Entry Name	SF3B6_HUMAN
NCBI Protein Information	splicing factor 3B subunit 6
NCBI Summary for SF3B6	This gene encodes a 14 kDa protein subunit of the splicing factor 3b complex. Splicing factor 3b associates with both the U2 and U11/U12 small nuclear ribonucleoprotein complexes (U2 snRNP) of spliceosomes. This 14 kDa protein interacts directly with subunit 1 of the splicing factor 3b complex. This 14 kDa protein also interacts directly with the adenosine that carries out the first transesterification step of splicing at the pre-mRNA branch site. [provided by RefSeq, Jul 2008]
UniProt Comments for SF3B6	SF3B6: subunit of the splicing factor SF3B. Necessary for the splicing of pre-mRNA. Directly contacts the pre-mRNA branch site adenosine for the first catalytic step of splicing. Enters the spliceosome and associates with the pre-mRNA branch site as part of the 17S U2 or, in the case of the minor spliceosome, as part of the 18S U11/U12 snRNP complex, and thus may facilitate the interaction of these snRNP with the branch sites of U2 and U12 respectively. Protein type: Spliceosome; RNA-binding; RNA splicing Chromosomal Location of Human Ortholog: 2p23 Cellular Component: nucleoplasm; snRNP U2; U12-dependent spliceosome Molecular Function: nucleotide binding Biological Process: blastocyst formation; gene expression; nuclear mRNA splicing, via spliceosome; RNA splicing
Research Articles on SF3B6	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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