

SF3B3 Monoclonal Antibody | anti-SF3B3 antibody

SF3B3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314456	Recombinant Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot

PRODUCT SYNONYMS

SF3B3; Monoclonal Antibody; SF3B3 Rabbit mAb; RSE1; SAP130; SF3b130; STAF130; anti-SF3B3 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S07-2K8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-SF3B3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human SF3B3
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of SF3B3(green) in Hela cells using SF3B3 Rabbit mAb at dilution 1/50, and DAPI(blue)



WB (Western Blot)

Western blot detection of SF3B3 in SHSY-5Y, C6 cell lysates using SF3B3 Rabbit mAb(1:1000 diluted). Predicted band size:136KDa. Observed band size:136KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SF3B3 antibody

Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex, a constituent of the spliceosome (PubMed:10490618, PubMed:10882114, PubMed:27720643, PubMed:28781166). SF3B complex is 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 (PubMed:12234937). May also be involved in the assembly of the 'E' complex (PubMed:10882114). Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron (PubMed:15146077).

Product Categories/Family for anti-SF3B3 antibody	Primary Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54112121
NCBI GeneID	23450
NCBI Accession #	NP_036558.3
NCBI GenBank Nucleotide #	NM_012426.4
UniProt Accession #	Q15393; Q6NTI8; Q96GC0; Q9BPY2; Q9UFX7; Q9UJ29
Molecular Weight	135,577 Da
NCBI Official Full Name	splicing factor 3B subunit 3
NCBI Official Synonym Full Names	splicing factor 3b, subunit 3, 130kDa
NCBI Official Symbol	SF3B3
NCBI Official Synonym Symbols	RSE1; SAP130; SF3b130; STAF130
NCBI Protein Information	splicing factor 3B subunit 3; SAP 130; spliceosome-associated protein 130; pre-mRNA-splicing factor SF3b 130 kDa subunit; pre-mRNA splicing factor SF3b, 130 kDa subunit
UniProt Protein Name	Splicing factor 3B subunit 3
UniProt Gene Name	SF3B3
UniProt Synonym Gene Names	KIAA0017; SAP130; SF3b130; SAP 130
UniProt Entry Name	SF3B3_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/monoclonal/sf3b3-antibody-clone-s07-2k8-immunofluorescence-western-blot-elisa/314456>