

Rabbit SF3B3 Monoclonal Antibody | anti-SF3B3 antibody

SF3B3 Antibody

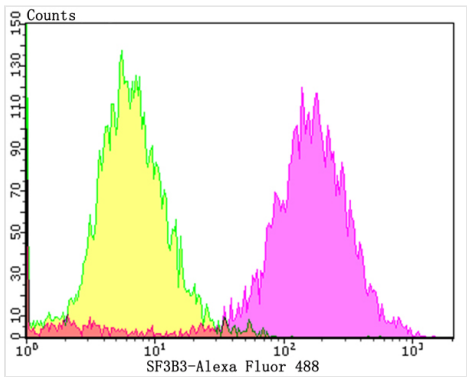
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30495	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

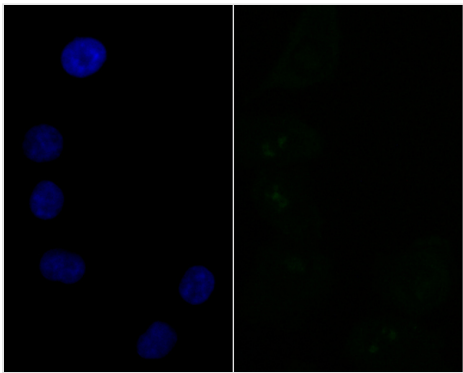
SF3B3; Monoclonal Antibody; SF3B3 Antibody; KIAA0017 antibody; Pre mRNA splicing factor SF3b 130 kDa subunit antibody; Pre-mRNA-splicing factor SF3b 130 kDa subunit antibody; RSE1 antibody; SAP 130 antibody; SAP130 antibody; SF3b130 antibody; SF3B3 antibody; SF3B3_HUMAN antibody; Spliceosome associated protein 130 antibody; Spliceosome-associated protein 130 antibody; Splicing factor 3b subunit 3 130kD antibody; Splicing factor 3B subunit 3 antibody; STAF130 antibody; anti-SF3B3 antibody

PRODUCT SPECIFICATIONS

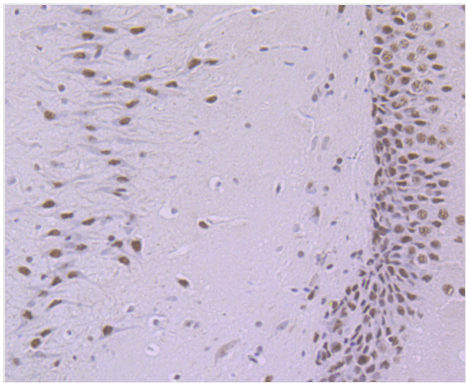
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG63-53
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SF3B3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:100 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within the C-terminus of human SF3B3.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



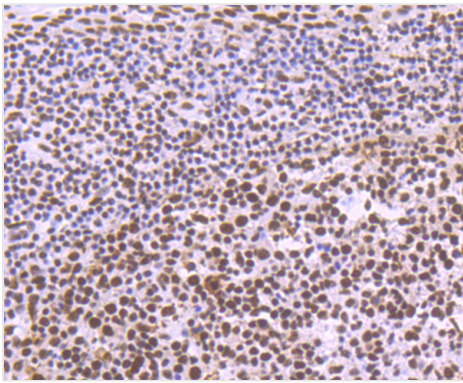
FCM (Flow Cytometry)
Flow cytometric analysis of LOVO cells with SF3B3 antibody at 1/100 dilution (yellow) compared with an unlabelled control (cells without incubation with primary antibody; purple).Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



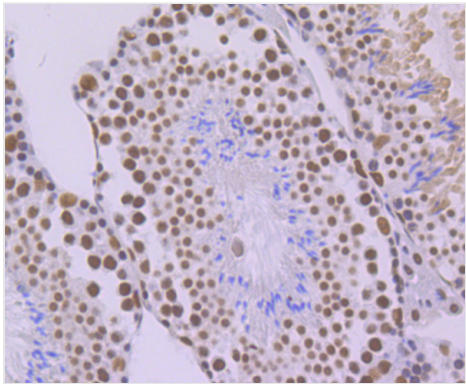
ICC (Immunocytochemistry)
ICC staining SF3B3 (green) in A549 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



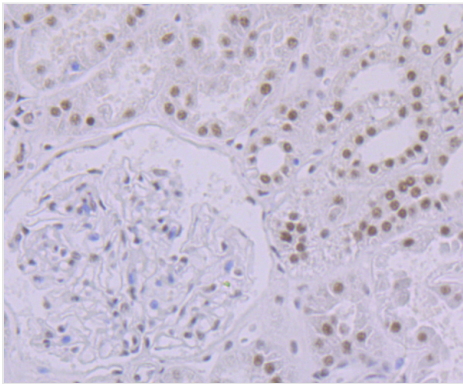
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-SF3B3 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-SF3B3 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-SF3B3 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-SF3B3 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-SF3B3 antibody	SF3B is a U2 snRNP-associated protein complex essential for spliceosome assembly. SF3B contains the spliceosomal proteins SAP 49, SAP 130 (also known as SF3B3), SAP 145 and SAP 155. SF3B3, SAP 145 and SAP 155 are present in a protein complex in HeLa nuclear extracts and associate with one another. While SF3B3 and SAP 155 interact with each other (directly or indirectly) within this complex, SAP 49 and SAP 145 are known to interact directly with each other. Unexpectedly, the SAP 49-SAP 145 protein-protein interaction requires the amino-terminus of SAP 49, which contains two RNA-recognition motifs. The observation that SAP 49 and SAP 145 interact directly with both U2 snRNP and the pre-mRNA suggests that this protein complex plays a role in tethering U2 snRNP to the branch site.
Product Categories/Family for anti-SF3B3 antibody	Total protein Ab

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.