

Immunotag™ SF3B3 Antibody

Antibody Specification	
Catalog No.	ITA5417
Product Description	Immunotag™ SF3B3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SF3B3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	SF3B3 Antibody detects endogenous levels of total SF3B3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SF3B3
Accession No.	Q15393
Alternate Names	130 kDa Sin3-associated polypeptide; FLJ12761; Histone deacetylase complex subunit SAP130; KIAA0017; mSin3A associated protein 130; Pre mRNA splicing factor SF3b 130 kDa subunit; RSE1; SAP 130; Sap130; SF3b 130; SF3b130; SF3B3; Sin3-associated polypeptide p130; Sin3A associated protein 130kDa; Sin3A associated protein; SP130_HUMAN; Spliceosome associated protein 130; Splicing factor 3b subunit 3 130kDa; Splicing factor 3b subunit 3; STAF 130; STAF130;

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Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	136 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.