

SF3B3

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:1000 - 1:2000

Calculated MW: 136kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human SF3B3

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

f

Synonym:

RSE1; SAP130; SF3b130; STAF130;

Catalog #: A2304

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 23450

Isotype: IgG

Swiss Prot: Q15393

Purity: Affinity purification

For research use only.

Background:

This gene encodes subunit 3 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. Subunit 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator-HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair.

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