

Product datasheet for **TA308399**

SF3B3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:20000
Reactivity:	Human (Predicted: Mouse, Rat, Zebrafish, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within amino acids 1154 and 1217 of SAP130 (Uniprot ID#Q15393)
Formulation:	1XPBS, 1% BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	136 kDa
Gene Name:	splicing factor 3b subunit 3
Database Link:	NP_036558 Entrez Gene 101943 Mouse Entrez Gene 292019 Rat Entrez Gene 23450 Human Q15393



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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. [provided by RefSeq]

Synonyms:

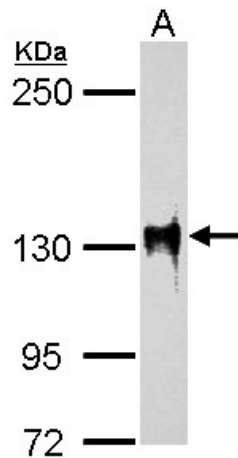
RSE1; SAP130; SF3b130; STAF130

Note:

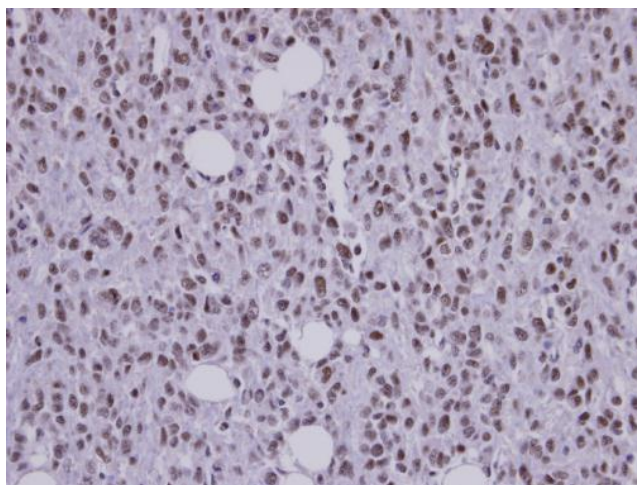
Seq homology of immunogen across species: Mouse (100%), Rat (100%), Zebrafish (100%), Bovine (100%)

Protein Pathways:

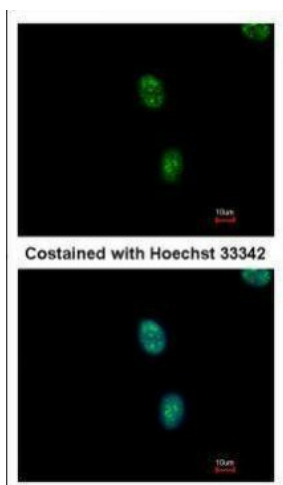
Spliceosome

Product images:

SAP130 antibody [C3], C-term detects SAP130 protein by western blot analysis. A. 30 ug HeLa whole cell extract. 5 % SDS-PAGE. SAP130 antibody [C3], C-term (TA308399) dilution: 1:10000



Immunohistochemical analysis of paraffin-embedded Saos-2 xenograft, using SF3B3 (TA308399) antibody at 1:100 dilution.



Immunofluorescence analysis of methanol-fixed HeLa, using SAP130 (TA308399) antibody at 1:500 dilution.