

SF3b130 rabbit pAb**Cat#: orb768220 (Manual)**

For research use only. Not intended for diagnostic use.

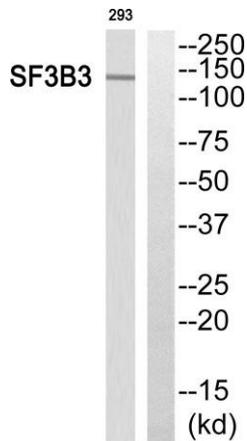
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|---------------------------------|---|
| Product Name | SF3b130 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA;IHC |
| Species Cross-Reactivity | Human;Mouse |
| Recommended dilutions | WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human SF3B3. AA range:231-280 |
| Specificity | SF3b130 Polyclonal Antibody detects endogenous levels of SF3b130 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Splicing factor 3B subunit 3 |
| Gene Name | SF3B3 |
| Cellular localization | Nucleus . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |

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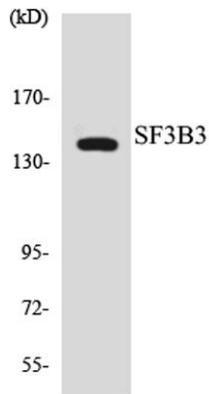
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|--------------------------------|---|
| Concentration | 1 mg/ml |
| Observed band | 140kD |
| Human Gene ID | 23450 |
| Human Swiss-Prot Number | Q15393 |
| Alternative Names | SF3B3; KIAA0017; SAP130; Splicing factor 3B subunit 3; Pre-mRNA-splicing factor SF3b 130 kDa subunit; SF3b130; STAF130; Spliceosome-associated protein 130; SAP 130 |

Background

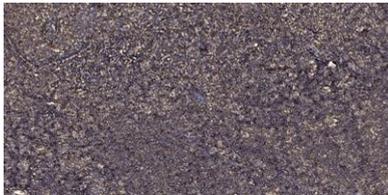
This gene encodes subunit 3 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a 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, Jul 2008],



Western blot analysis of SF3B3 Antibody. The lane on the right is blocked with the SF3B3 peptide.



Western blot analysis of the lysates from HeLa cells using SF3B3 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).