

## Product datasheet for **TA345931**

### SF3B4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SF3B4 antibody: synthetic peptide directed towards the N terminal of human SF3B4. Synthetic peptide located within the following region: QDATVYVGGGLDEKVSEPLLWELFLQAGPVNTHMPKDRVTGQHQQYGFVE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	splicing factor 3b subunit 4
Database Link:	<a href="#">NP_005841</a> <a href="#">Entrez Gene 10262 Human Q15427</a>



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**Background:**

SF3B4 is one of four subunits of the splicing factor 3B. The protein cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be involved in the assembly of the B, C and E spliceosomal complexes. In addition to RNA-binding activity, this protein interacts directly and highly specifically with subunit 2 of the splicing factor 3B. This protein contains two N-terminal RNA-recognition motifs (RRMs), consistent with the observation that it binds directly to pre-mRNA. This gene encodes one of four subunits of the splicing factor 3B. The protein encoded by this gene cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be involved in the assembly of the B, C and E spliceosomal complexes. In addition to RNA-binding activity, this protein interacts directly and highly specifically with subunit 2 of the splicing factor 3B. This protein contains two N-terminal RNA-recognition motifs (RRMs), consistent with the observation that it binds directly to pre-mRNA.

**Synonyms:**

AFD1; Hsh49; SAP49; SF3b49

**Note:**

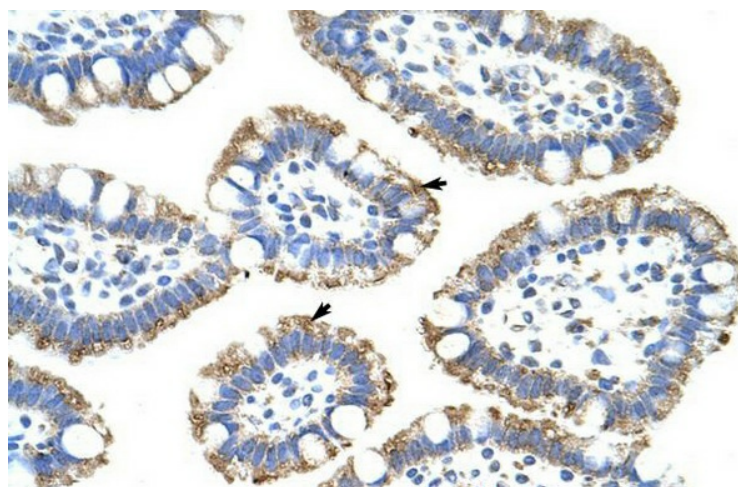
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Goat: 86%; Yeast: 86%

**Protein Pathways:**

Spliceosome

**Product images:**

WB Suggested Anti-SF3B4 Antibody Titration: 1.25 ug/ml; Positive Control: HepG2 cell lysate; SF3B4 is supported by BioGPS gene expression data to be expressed in HepG2



Rabbit Anti-SF3B4 Antibody; Paraffin Embedded Tissue: Human Intestine; Cellular Data: Epithelial cells of intestinal villas; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X