

Datasheet for ABIN2778952
anti-SF3B4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SF3B4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Horse, Saccharomyces cerevisiae, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SF3B4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SF3B4
Sequence:	QDATVYVGGL DEKVSEPLLW ELFLQAGPVV NTHMPKDRVT GQHQGYGFVE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 86%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 86%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SF3B4. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	SF3B4
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Target Details

Alternative Name: SF3B4 ([SF3B4 Products](#))

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.

Alias Symbols: Hsh49, SAP49, SF3b49

Protein Interaction Partner: NCK2, METTL17, ZCCHC10, UBASH3A, NUB1, HSPB7, PPP1R16B, SS18L1, HNRNPUL1, SF3B2, BAIAP2, SEC24D, FAM115A, RBM39, BAG3, CWF19L2, MAPK9, FUS, FRK, FKBP1A, STAU1, UBC, SUMO1, SUZ12, RNF2, PRPF40A, WBP4, APBB1, SRPK3, DDX42, PRPF8, CHERP, DDX17, BCAS2, EFTUD2

Protein Size: 424

Molecular Weight: 47 kDa

Gene ID: 10262

NCBI Accession: [NM_005850](#), [NP_005841](#)

UniProt: [Q15427](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 424 AA

Restrictions: For Research Use only

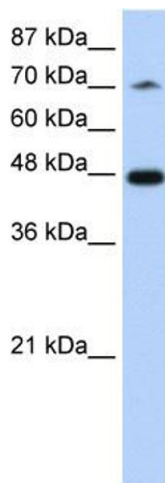
Handling

Format: Liquid

Handling

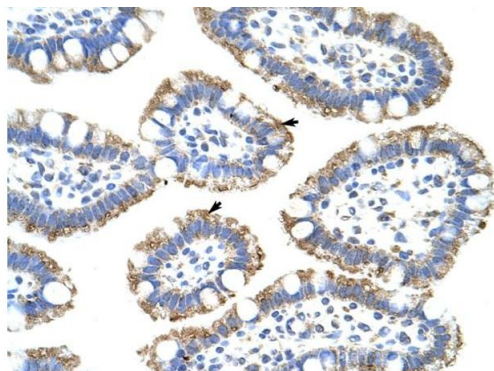
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SF3B4 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate SF3B4 is supported by BioGPS gene expression data to be expressed in HepG2



Rabbit Anti-SF3B4 Antibody
Catalog Number: ARP40609
Lot Number: QC10230
Paraffin Embedded Tissue: Human Intestine
Cells with Positive label: Epithelial cells of intestinal villus (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. 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