

Datasheet for ABIN629981 **anti-SF3B4 antibody (N-Term)**

2 Images



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Overview

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

Product Details

Immunogen:	SF3 B4 antibody was raised using the N terminal of SF3 4 corresponding to a region with amino acids QDATVYVGGGLDEKVSEPLLWELFLQAGPVVNTTHMPKDRVTGQHQQYGFVE
Specificity:	SF3 B4 antibody was raised against the N terminal of SF3 4
Purification:	Purified

Target Details

Target:	SF3B4
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

Target Details

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.

Molecular Weight: 47 kDa (MW of target protein)

Application Details

Application Notes: WB: 1.25 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: SF3B4 Blocking Peptide, catalog no. 33R-7491, is also available for use as a blocking control in assays to test for specificity of this SF3B4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SF0 4 antibody in PBS

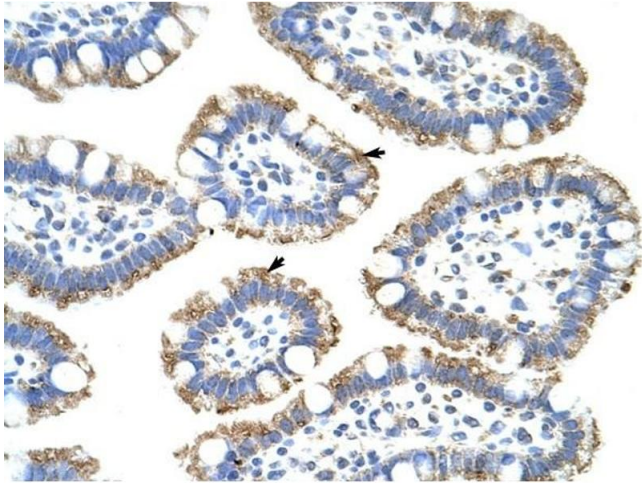
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

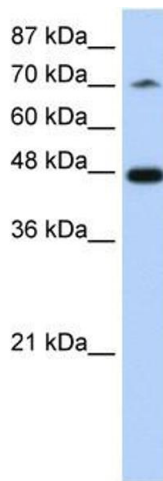
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. SF3B4 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of intestinal villus (arrows) in Human Intestine. Magnification is at 400X



Western Blotting

Image 2. SF3B4 antibody used at 1.25 ug/ml to detect target protein.