Datasheet for ABIN1881796

anti-SF3B4 antibody (AA 158-187)

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Overview

Quantity:	400 µL
Target:	SF3B4
Binding Specificity:	AA 158-187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SF3B4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SF3B4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 158-187 amino acids from the Central region of human SF3B4.
Clone:	RB40410
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SF3B4
Alternative Name:	SF3B4 (SF3B4 Products)

Target Details

Background:	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.
Molecular Weight:	44386
NCBI Accession:	NP_005841
UniProt:	Q15427

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

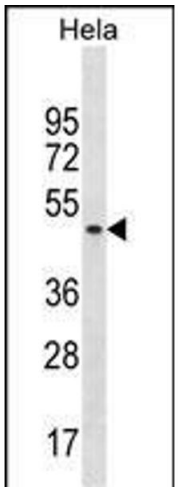
Publications

Product cited in:	Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: **Journal of infection in developing countries**, Vol. 4, Issue 10, pp. 597-608, (2010) (PubMed). Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in:

Publications

Cancer research, Vol. 70, Issue 21, pp. 8937-47, (2010) (PubMed).

Images



Western Blotting

Image 1. SF3B4 Antibody (Center) (ABIN1881796 and ABIN2838381) western blot analysis in Hela cell line lysates (35 µg/lane).This demonstrates the SF3B4 antibody detected the SF3B4 protein (arrow).