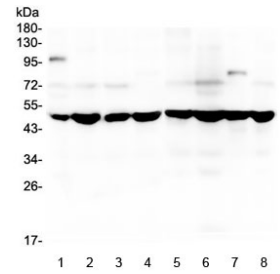
SF3B4 Antibody / Splicing factor 3B subunit 4 (RQ4925)

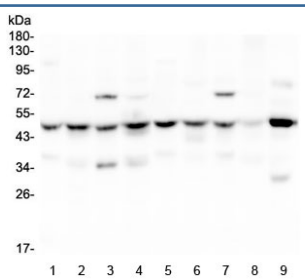
Catalog No.	Formulation	Size
RQ4925	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q15427
Applications	Western blot: 0.5-1ug/ml
Limitations	This SF3B4 antibody is available for research use only.



Western blot testing of human 1) placenta, 2) MDA-MB-231, 3) U-2 OS, 4) HL-60, 5) A549, 6) PC-3, 7) ThP-1 and 8) U-87 MG lysate with SF3B4 antibody at 0.5ug/ml. Predicted molecular weight ~44 kDa but routinely observed at ~49 kDa.



Western blot testing of 1) rat brain, 2) rat lung, 3) rat liver, 4) rat stomach, 5) mouse brain, 6) mouse lung, 7) mouse liver, 8) mouse stomach and 9) mouse NIH3T3 lysate with SF3B4 antibody at 0.5ug/ml. Predicted molecular weight ~44 kDa but routinely observed at ~49 kDa.

Description

Splicing factor 3B subunit 4 is a protein that in humans is encoded by the SF3B4 gene. 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.

Application Notes

Optimal dilution of the SF3B4 antibody should be determined by the researcher.

Immunogen

Amino acids LDEKVSEPLLWELFLQA from the human protein were used as the immunogen for the SF3B4 antibody.

Storage

After reconstitution, the SF3B4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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