

For Research Use Only

# SF3B4 Recombinant antibody

Catalog Number: 85663-5-RR



## Basic Information

Catalog Number:

85663-5-RR

Concentration:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0737

GenBank Accession Number:

BC004273

GeneID (NCBI):

10262

UNIPROT ID:

Q15427

Full Name:

splicing factor 3b, subunit 4, 49kDa

Calculated MW:

44 aa, 3 kDa

Observed MW:

49 kDa

Purification Method:

Protein A purification

CloneNo.:

243098D11

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HEK-293T cells, Jurkat cells, U2OS cells, COLO 205 cells, NIH/3T3 cells, C6 cells

## Background Information

SF3B4, also named as Pre-mRNA-splicing factor SF3b 49 kDa subunit, is a 424 amino acid protein, which belongs to the SF3B4 family. SF3B4 is a subunit of the splicing factor SF3B required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. SF3B4 has been found in complex 'B' and 'C' as well. Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron. The calculated molecular weight of SF3B4 is 44 kDa. Based on its predicted molecular mass and the observed migration of the 50kDa cross-linked species on two-dimensional gels.(PMID: 9614130)

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

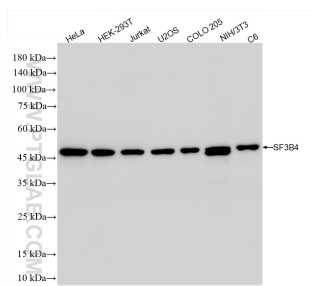
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85663-5-RR (SF3B4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.