

For Research Use Only

SF3B1 Recombinant antibody

Catalog Number: 85640-4-RR



Basic Information

Catalog Number:

85640-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26689

GenBank Accession Number:

NM_012433

GeneID (NCBI):

23451

UNIPROT ID:

O75533

Full Name:

splicing factor 3b, subunit 1, 155kDa

Calculated MW:

146 kDa

Observed MW:

146 kDa

Purification Method:

Protein A purification

CloneNo.:

243145C6

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MCF-7 cells, U2OS cells, Jurkat cells, K-562 cells, HeLa cells, NIH/3T3 cells, C6 cells

Background Information

SF3B1, also named as SAP155, is a 1304 amino acid protein, which belongs to the SF3B1 family. SF3B1 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. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. SF3B1 may also be involved in the assembly of the 'E' complex. SF3B1 belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

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

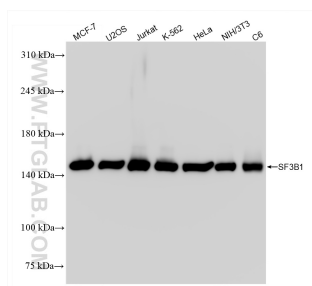
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85640-4-RR (SF3B1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.