

For Research Use Only

SF3B4 Recombinant antibody, PBS Only

Catalog Number: 85663-5-PBS



Basic Information

Catalog Number: 85663-5-PBS	GenBank Accession Number: BC004273	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10262	CloneNo.: 243098D11
Source: Rabbit	UNIPROT ID: Q15427	
Isotype: IgG	Full Name: splicing factor 3b, subunit 4, 49kDa	
Immunogen Catalog Number: AG0737	Calculated MW: 44 aa, 3 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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

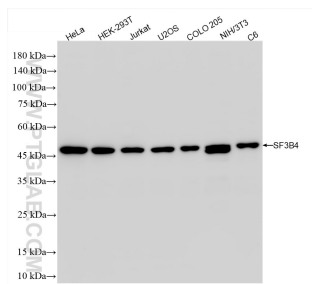
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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. This data was developed using the same antibody clone with 85663-5-PBS in a different storage buffer formulation.