

For Research Use Only

SF3B2 Polyclonal antibody

Catalog Number: 10919-1-AP

6 Publications



Basic Information

Catalog Number: 10919-1-AP	GenBank Accession Number: BC007610	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10992	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q13435	IHC 1:50-1:500
Isotype: IgG	Full Name: splicing factor 3b, subunit 2, 145kDa	IF/ICC 1:500-1:2000
Immunogen Catalog Number: AG1009	Calculated MW: 100 kDa	
	Observed MW: 130-140 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, K-562 cells
Cited Applications: WB, IHC	IHC : human colon cancer tissue,
Species Specificity: human	IF/ICC : HEK-293 cells,
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

SF3B (splicing factor 3B) is a U2 snRNP-associated protein complex essential for spliceosome assembly. SF3B complex contains the spliceosome-associated protein (SAP) 49, 130, 145, and 155 has been demonstrated. And this complex is essential for U2 snRNP to anchor to the pre-mRNA. Splicing factor 3B subunit 2 (SF3B2), known as SAP145, forms complex with SAP49 which plays a role in cell cycle progression. SAP145, with predicated MW of 100 kDa, appears with MW of about 145 kDa which may be due to the post-translational modification.

Notable Publications

Author	Pubmed ID	Journal	Application
Ada Congrains	33330042	Front Oncol	WB
Ling Leng	35679865	Cell Rep	IHC
Yingying Cao	34371001	Gastroenterology	WB

Storage

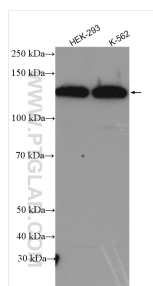
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

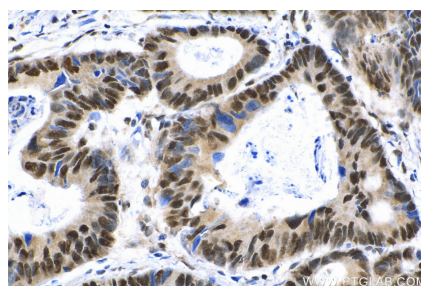
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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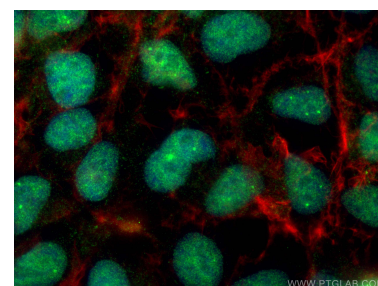
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10919-1-AP (SF3B2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10919-1-AP (SF3B2 antibody) at dilution of 1:200 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using SF3B2 antibody (10919-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).