

For Research Use Only

# SF3B2 Polyclonal antibody

Catalog Number: 10919-1-AP **6 Publications**



## Basic Information

<b>Catalog Number:</b> 10919-1-AP	<b>GenBank Accession Number:</b> BC007610	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 650 µg/ml	<b>GeneID (NCBI):</b> 10992	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13435	
<b>Isotype:</b> IgG	<b>Full Name:</b> splicing factor 3b, subunit 2, 145kDa	
<b>Immunogen Catalog Number:</b> AG1009	<b>Calculated MW:</b> 100 kDa	
	<b>Observed MW:</b> 130-140 kDa	

## Applications

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

## 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

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

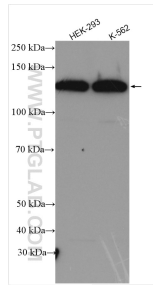
T: 4006900926

E: Proteintech-CN@ptglab.com

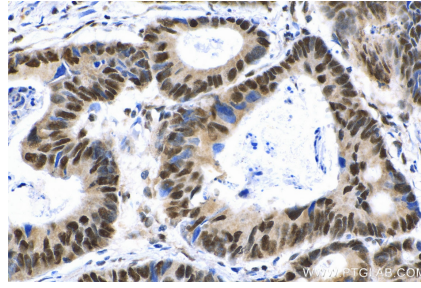
W: ptgcn.com

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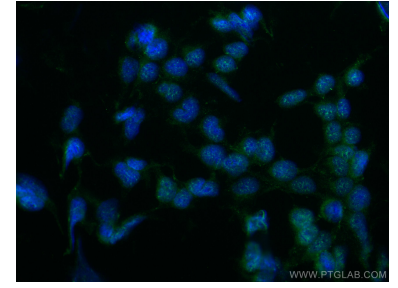
## Selected Validation Data



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 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).