

For Research Use Only

SF3B2 Polyclonal antibody

Catalog Number: 10919-1-AP

6 Publications



Basic Information

Catalog Number:

10919-1-AP

Size:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1009

GenBank Accession Number:

BC007610

GeneID (NCBI):

10992

UNIPROT ID:

Q13435

Full Name:

splicing factor 3b, subunit 2, 145kDa

Calculated MW:

100 kDa

Observed MW:

130-140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

IF/ICC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

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

Positive Controls:

WB : HEK-293 cells, K-562 cells

IHC : human colon cancer tissue,

IF/ICC : HEK-293 cells,

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:

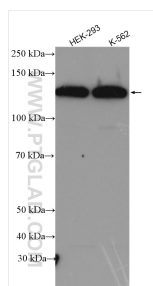
T: 4006900926

E: Proteintech-CN@ptglab.com

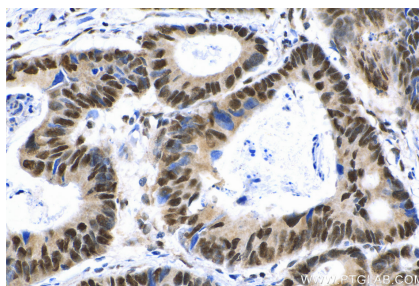
W: ptgcn.com

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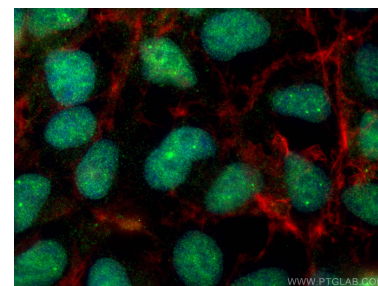
Selected Validation Data



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 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).