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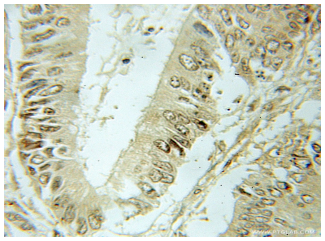
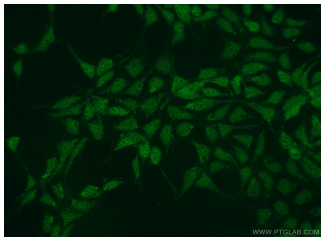
SF3B2 Polyclonal Antibody

Catalog number: 10919-1-AP
Size: 37 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
SF3B2; SAP 145, SAP145, SF3B145, SF3b150, SF3B2, Splicing factor 3B subunit 2



Immunohistochemical of paraffin-embedded human colon cancer using 10919-1-AP(SF3B2 antibody) at dilution of 1:10 (under 40x lens)

HEK-293 cells were subjected to SDS PAGE followed by western blot with 10919-1-AP(SF3B2 antibody) at dilution of 1:400



Immunofluorescent analysis of HEK-293 cells using 10919-1-AP(SF3B2 Antibody) at dilution of 1:50 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

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.

Applications

Tested applications:	**ELISA, WB, IHC, IF**
Cited applications:	**WB**
Species specificity:	**Human; other species not tested.**
Cited species:	**Human**
Caculated SF3B2 MW:	**100 kDa**
Observed SF3B2 MW:	**130-140 kDa**
Positive WB detected in	**HEK-293 cells, K-562 cells**
Positive IHC detected in	**Human colon cancer tissue**
Positive IF detected in	**HEK-293 cells**
Recommended dilution:	**WB: 1:200-1:1000**
	IHC: 1:10-1:100
	IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag1009**
GenBank accession number:	**BC007610**
Gene ID (NCBI):	**10992**
Full name:	**Splicing factor 3b, subunit 2, 145kDa**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**