

Product Datasheet

SF3B2 Antibody NB100-79848

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Updated 10/23/2024 v.20.1

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NB100-79848**SF3B2 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

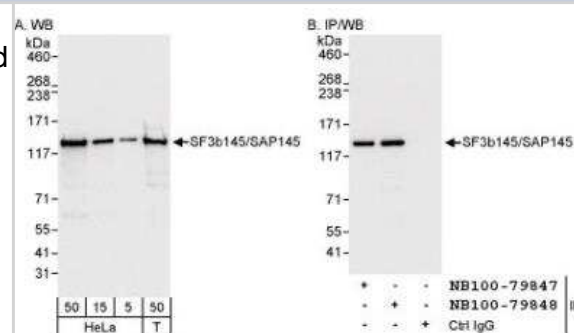
Product Description	
Host	Rabbit
Gene ID	10992
Gene Symbol	SF3B2
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 825 and 872 of human splicing factor 3b, subunit 2, 145kDa (spliceosome associated protein 145) using the numbering given in entry AAA97461.1 (GeneID 10992).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

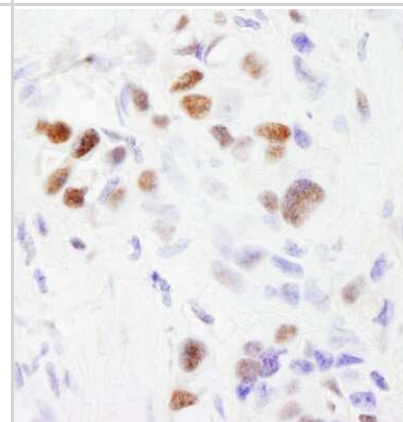


Images

Western Blot: SF3B2 Antibody [NB100-79848] - Detection of Human SF3b145/SAP145 from HeLa whole cell lysate (5, 15, 50 microgram) and 293T (50 microgram) using NB100-79848. SF3b145/SAP145 was also immunoprecipitated by rabbit anti-SF3b145/SAP145 antibody NB100-79847.



Immunohistochemistry-Paraffin: SF3B2 Antibody [NB100-79848] - Section of human linitis plastica stomach cancer. Antibody: Affinity purified rabbit anti- SF3b145/SAP145 used at a dilution of 1:200 (1ug/ml). Detection: DAB



Publications

Lei Shen, Xiaokuang Ma, Yuanyuan Wang, Zhihao Wang, Yi Zhang, Hoang Quoc Hai Pham, Xiaoqun Tao, Yuehua Cui, Jing Wei, Dimitri Lin, Tharindumala Abeywanada, Swanand Hardikar, Levon Halabelian, Noah Smith, Taiping Chen, Dalia Barsyte-Lovejoy, Shenfeng Qiu, Yi Xing, Yanzhong Yang Loss-of-function mutation in PRMT9 causes abnormal synapse development by dysregulation of RNA alternative splicing Nature Communications 2024-04-01 [PMID: 38561334]

Harms FL, Dingemans AJM, Hempel M et al. de novo PHF5A variants are associated with craniofacial abnormalities, developmental delay, and hypospadias Genetics in medicine : official journal of the American College of Medical Genetics 2023-07-06 [PMID: 37422718]

von Elsner L, Chai G, Schneeberger PE Et al. Biallelic FRA10AC1 variants cause a neurodevelopmental disorder with growth retardation Brain : a journal of neurology 2021-10-25 [PMID: 34694367]

Zheng YZ, Xue MZ, Shen HJ et al. PHF5A Epigenetically Inhibits Apoptosis to Promote Breast Cancer Progression. Cancer Res 2018-06-15 [PMID: 29700004]

Murthy T, Bluemn T, Gupta A et al. Cyclin-dependent kinase 1 (CDK1) and CDK2 have opposing roles in regulating interactions of splicing factor 3B1 with chromatin J. Biol. Chem. 2018-05-15 [PMID: 29764937] (Human)

Yang Y, Hadjikyriacou A, Xia Z et al. PRMT9 is a Type II methyltransferase that methylates the splicing factor SAP145 Nat Commun 2015-03-04 [PMID: 25737013] (WB, IP, Human)



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Products Related to NB100-79848

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010992-P01-10ug	Recombinant Human SF3B2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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