

Product Datasheet

SFRS4 Antibody - BSA Free

NBP2-04144

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP2-04144

SFRS4 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

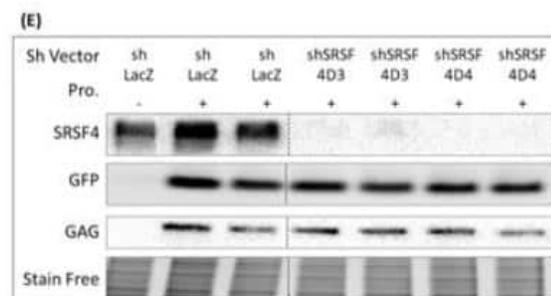
Product Description	
Host	Rabbit
Gene ID	6429
Gene Symbol	SRSF4
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 400 and 450 of human Pre-mRNA-Splicing Factor SRP75 using the numbering given in entry NP_005617.2 (Gene ID 6429).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:500 to 1:2000, Immunoprecipitation 2-10 ug/ml lysate, Immunohistochemistry-Paraffin 1:500 to 1:2000
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. SFRS4 antibody validated for WB from a verified customer review.

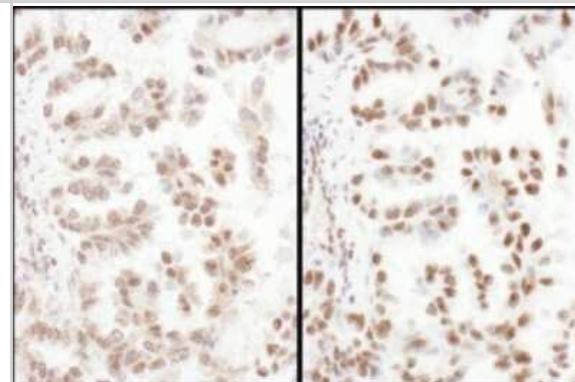


Images

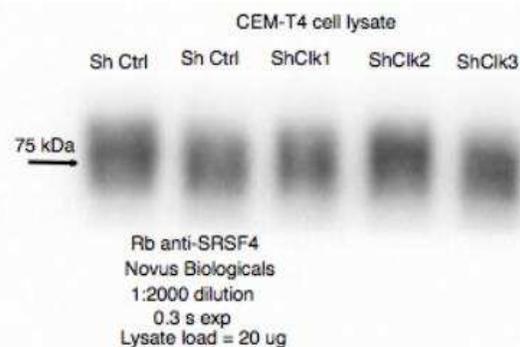
Western Blot: SFRS4 Antibody [NBP2-04144] - J-Lat cells treated with sh vectors targeting SR proteins were induced with Prostratin over 24 hours. Cells were harvested for protein using RIPA. Blots for SRSF4, GFP, HIV p24 GAG protein, and the stain free gel are shown. The J-LAT cell line used had an inducible HIV construct that when induced would produce GFP as well as HIV proteins such as p24 (GAG). The sh vector was used to knock down the protein. Western blot image submitted by a verified customer review.



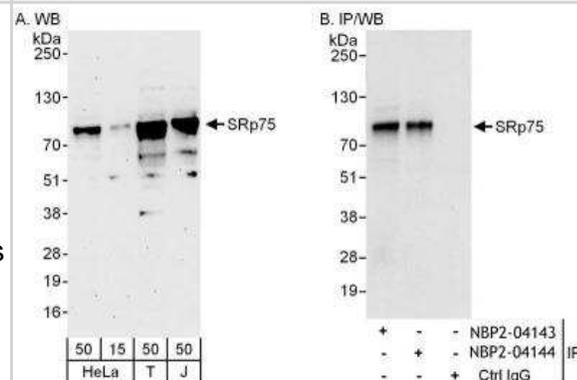
Immunohistochemistry-Paraffin: SFRS4 Antibody [NBP2-04144] - Sections of human lung carcinoma. Antibody: Affinity purified rabbit anti-SRp75 used at a dilution of 1:1000 (1 ug/mL). Detection: DAB. Counterstain: Hematoxylin (blue).



Western Blot: SFRS4 Antibody [NBP2-04144] - CEM-T4 cell lysate. Western blot image submitted by a verified customer review.



Immunoprecipitation: SFRS4 Antibody [NBP2-04144] - Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-SRp75 antibody NBP2-04144 used for WB at 0.1 ug/mL (A) and 1 ug/mL (B) and used for IP at 6 ug/mg lysate. SRp75 was also immunoprecipitated by rabbit anti-SRp75 antibody NBP2-04143, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 3 seconds (B).



Publications

Victoria O. Shender, Ksenia S. Anufrieva, Polina V. Shnaider, Georgij P. Arapidi, Marat S. Pavlyukov, Olga M. Ivanova, Irina K. Malyants, Grigory A. Stepanov, Evgenii Zhuravlev, Rustam H. Ziganshin, Ivan O. Butenko, Olga N. Bukato, Ksenia M. Klimina, Vladimir A. Veselovsky, Tatiana V. Grigorieva, Sergey Y. Malanin, Olga I. Aleshikova, Andrey V. Slonov, Nataliya A. Babaeva, Lev A. Ashrafyan, Elena Khomyakova, Evgeniy G. Evtushenko, Maria M. Lukina, Zixiang Wang, Artemiy S. Silantiev, Anna A. Nushtaeva, Daria D. Kharlampieva, Vassili N. Lazarev, Arseniy I. Lashkin, Lorine K. Arzumanyan, Irina Yu. Petrushanko, Alexander A. Makarov, Olga S. Lebedeva, Alexandra N. Bogomazova, Maria A. Lagarkova, Vadim M. Govorun Therapy-induced secretion of spliceosomal components mediates pro-survival crosstalk between ovarian cancer cells *Nature Communications* 2024-06-19 [PMID: 38898005]

Dahal S Exploring the Role that SR Kinases Play in Controlling Viral Infections with a Focus on HIV-1 Thesis 2023-01-01

de Oliveira Freitas Machado C, Schafranek M, Brüggenmann M et al. Poison cassette exon splicing of SRSF6 regulates nuclear speckle dispersal and the response to hypoxia *Nucleic acids research* 2023-01-25 [PMID: 36620874] (WB, Human)

Details:

Dilution used 1:100

Dahal S, Cheng R, Cheung P et al. The Thiazole-5-Carboxamide GPS491 Inhibits HIV-1, Adenovirus, and Coronavirus Replication by Altering RNA Processing/Accumulation *Viruses* 2021-12-30 [PMID: 35062264] (WB, Human)





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Products Related to NBP2-04144

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-13384PEP	SFRS4 Recombinant Protein Antigen

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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