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Anti-SRSF5 Antibody

Rabbit Polyclonal Antibody
Catalog # ABV11859

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	Q13243
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31264

Additional Information

Gene ID	6430
Positive Control	WB: Hela, RAW264.7, H9C2 cell lysate; IHC: human brain tissue: IFC: Hela cells
Application & Usage	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200, IF/IC; 1:50 – 1:100
Alias Symbol	SRSF5
Other Names	HRS; SFRS5; SRP40; Serine/arginine-rich splicing factor 5; Delayed-early protein HRS; Pre-mRNA-splicing factor SRP40; Splicing factor arginine/serine-rich 5
Appearance	Colorless liquid
Formulation	In 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-SRSF5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

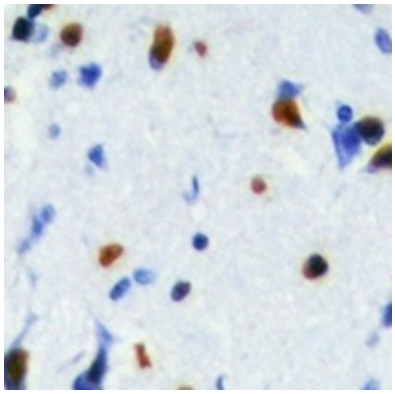
Protein Information

Name	SRSF5
Synonyms	HRS, SFRS5, SRP40
Function	Plays a role in constitutive splicing and can modulate the selection of alternative splice sites.
Cellular Location	Nucleus.

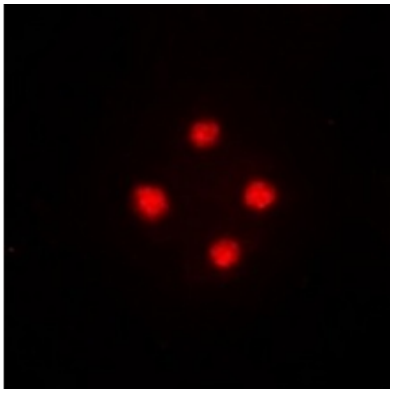
Background

The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors. In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Two transcript variants encoding the same protein have been found for this gene. Plays a role in constitutive splicing and can modulate the selection of alternative splice sites.

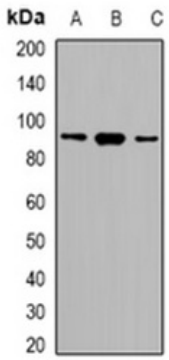
Images



Immunohistochemical analysis of SRSF5 staining in H.brain formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of SRSF5 staining in Hela cells.



Western blot analysis of SRSF5 expression in Hela(A); RAW264.7(B); H9C2(C) whole cell lysates.