



## Rabbit Anti-SFRS9 antibody

SL20144R

<b>Product Name:</b>	SFRS9
<b>Chinese Name:</b>	丝氨酸/苏氨酸SFRS9抗体
<b>Alias:</b>	arginine/serine-rich 9; Pre mRNA splicing factor SRp30C; Pre-mRNA-splicing factor SRp30C; Serine/arginine-rich splicing factor 9; SFRS 9; Splicing factor; Splicing factor arginine/serine rich 9; splicing factor, arginine/serine-rich 9; splicing factor, arginine/serine-rich, 30-KD, C; SR splicing factor 9; SRP30C; SRSF9; SRSF9 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	26kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SFRS9:101-200/221
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 pseudogenes, one on chromosome 15 and the other on chromosome 21, have been found for this gene. [provided by RefSeq, Sep 2010]

**Function:**

Plays a role in constitutive splicing and can modulate the selection of alternative splice sites. Represses the splicing of MAPT/Tau exon 10.

**Subcellular Location:**

Nucleus. Cellular stresses such as heat shock may induce localization to discrete nuclear bodies termed SAM68 nuclear bodies (SNBs), HAP bodies, or stress bodies. Numerous splicing factors including SRSF1/SFRS1/SF2, SRSF7/SFRS7, SAFB and KHDRBS1/SAM68 accumulate at these structures, which may participate in the post-transcriptional regulation of mRNAs in stressed cells.

**Tissue Specificity:**

Expressed at high levels in the heart, kidney, pancreas and placenta, and at lower levels in the brain, liver, lung and skeletal muscle.

**Post-translational modifications:**

Extensively phosphorylated on serine residues in the RS domain.

**Similarity:**

Belongs to the splicing factor SR family.  
Contains 2 RRM (RNA recognition motif) domains.

**SWISS:**

Q13242

**Gene ID:**

8683

**Database links:**

[Entrez Gene: 8683](#) Human

[Entrez Gene: 108014](#) Mouse

[Entrez Gene: 100154637](#) Pig

[Entrez Gene: 288701](#) Rat

[Omicron: 601943](#) Human

[SwissProt: Q13242](#) Human

[SwissProt: Q9D0B0](#) Mouse

[SwissProt: Q5PPI1](#) Rat

[Unigene: 706889](#) Human

[Unigene: 728777](#) Human

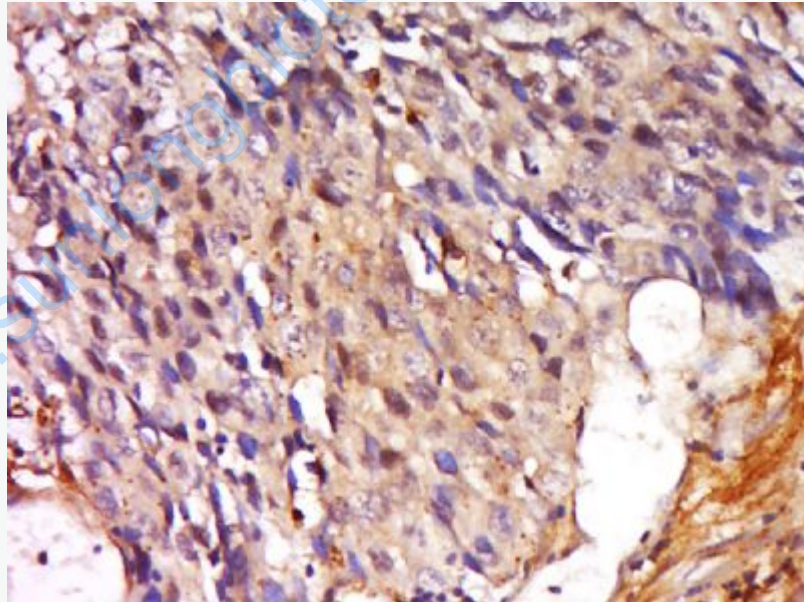
[Unigene: 287826](#) Mouse

[Unigene: 136718](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Tissue/cell: human colon cancer; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-SFRS9 Polyclonal Antibody, Unconjugated(SL20144R) 1:400,  
overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and  
DAB(C-0010) staining

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