

Rabbit SFRS9 Polyclonal Antibody | anti-SFRS9 antibody

SFRS9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328187	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SFRS9; Polyclonal Antibody; SFRS9 Antibody; 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; 30-KD; C; SR splicing factor 9; SRP30C; SRSF9; SRSF9_HUMAN; anti-SFRS9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SFRS9 antibody detects endogenous levels of total SFRS9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	221
Applicable Applications for anti-SFRS9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SFRS9
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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis SFRS9 using HepG2 whole cell lysates



IHC (Immunohistochemistry)
AAA328187 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SFRS9 antibody	Function: Plays a role in constitutive splicing and can modulate the selection of alternative splice sites. Represses the splicing of MAPT/Tau exon 10. Subunit Structure: Interacts with KHDRBS3 (By similarity). Interacts with HABP4 (PubMed:19523114). Interacts with NOL3/ARC/NOP30 (PubMed:10196175). Interacts with NSEP1/YB-1/YB1 (PubMed:12604611). Interacts with SAFB/SAFB1 (PubMed:9671816, PubMed:11694584). Interacts with SRSF6/SFRS6 (PubMed:15695522). Interacts with TRA2B/SFRS10 (PubMed:11875052, PubMed:15695522). Interacts with C1QBP (PubMed:10022843). May also interact with DUSP11/PIR1(PubMed:11694584). Post-translational Modifications: Extensively phosphorylated on serine residues in the RS domain. Similarity: Belongs to the splicing factor SR family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506903
NCBI GeneID	8683
NCBI Accession #	NP_003760.1
NCBI GenBank Nucleotide #	NM_003769.2
UniProt Accession #	Q13242; Q52LD1
Molecular Weight	Observed: 26 kDa Predicted: 26 kDa
NCBI Official Full Name	serine/arginine-rich splicing factor 9
NCBI Official Synonym Full Names	serine and arginine rich splicing factor 9
NCBI Official Symbol	SRSF9
NCBI Official Synonym Symbols	SFRS9; SRp30c
NCBI Protein Information	serine/arginine-rich splicing factor 9
UniProt Protein Name	Serine/arginine-rich splicing factor 9
UniProt Gene Name	SRSF9
UniProt Synonym Gene Names	SFRS9; SRP30C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.