

Rabbit anti-Human, Mouse SFRS7 Polyclonal Antibody | anti-SFRS7 antibody

SFRS7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325191	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

SFRS7; Polyclonal Antibody; SFRS7 Antibody; 9G8; AAG3; arginine/serine-rich 7; HSSG1; RBM37; Serine/arginine-rich splicing factor 7; Splicing factor 9G8; Splicing factor; arginine/serine rich 7; SRSF7; SRSF7_HUMAN; ZCCHC20; ZCRB2; anti-SFRS7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	SFRS7 antibody detects endogenous levels of total SFRS7
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	238
Applicable Applications for anti-SFRS7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Brain, liver, kidney and lung.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (94%), Xenopus (94%)
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 of extracts from HT-29 cells, using SFRS7 antibody.



IF (Immunofluorescence)

AAA325191 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SFRS7 antibody	Function: Required for pre-mRNA splicing. Can also modulate alternative splicing in vitro. Represses the splicing of MAPT/Tau exon 10. May function as export adapter involved in mRNA nuclear export such as of histone H2A. Binds mRNA which is thought to be transferred to the NXF1-NXT1 heterodimer for export (TAP/NXF1 pathway); enhances NXF1-NXT1 RNA-binding activity. RNA-binding is semi-sequence specific. Subunit Structure: Found in large molecular weight complexes containing CCNL1 and the p110 isoforms of either CDC2L1 or CDC2L2. Interacts with CCNL2 and CPSF6. Interacts with NXF1. Post-translational Modifications: Extensively phosphorylated on serine residues in the RS domain. Similarity: Belongs to the splicing factor SR family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	72534660
NCBI GeneID	6432
NCBI Accession #	NP_001026854.1
NCBI GenBank Nucleotide #	NM_001031684.2
UniProt Accession #	Q16629; Q564D3; B4DLU6; G5E9M3
Molecular Weight	Observed: 35 kD Predicted: 28 kDa
NCBI Official Full Name	serine/arginine-rich splicing factor 7 isoform 1
NCBI Official Synonym Full Names	serine and arginine rich splicing factor 7
NCBI Official Symbol	SRSF7
NCBI Official Synonym Symbols	9G8; AAG3; SFRS7
NCBI Protein Information	serine/arginine-rich splicing factor 7
UniProt Protein Name	Serine/arginine-rich splicing factor 7
UniProt Gene Name	SRSF7
UniProt Synonym Gene Names	SFRS7

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.