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# SFRS7 Antibody (N-term) Blocking peptide

**Synthetic peptide**
**Catalog # BP12306a**

## Specification

### SFRS7 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q16629

### SFRS7 Antibody (N-term) Blocking peptide - Additional Information

**Gene ID** 6432

**Other Names**
Serine/arginine-rich splicing factor 7, Splicing factor 9G8, Splicing factor, arginine/serine-rich 7, SRSF7, SFRS7

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### SFRS7 Antibody (N-term) Blocking peptide - Protein Information

**Name** SRSF7

**Synonyms** SFRS7

**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.

**Cellular Location**
Nucleus. Cytoplasm

**Tissue Location**
Brain, liver, kidney and lung.

### SFRS7 Antibody (N-term) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

**SFRS7 Antibody (N-term) Blocking peptide - Images**

**SFRS7 Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene is a member of theserine/arginine (SR)-rich family of pre-mRNA splicing factors,which constitute part of the spliceosome. Each of these factorscontains an RNA recognition motif (RRM) for binding RNA and an RSdomain for binding other proteins. The RS domain is rich in serineand arginine residues and facilitates interaction between differentSR splicing factors. In addition to being critical for mRNAsplicing, the SR proteins have also been shown to be involved inmRNA export from the nucleus and in translation. Two transcriptvariants encoding different isoforms have been found for this gene.

**SFRS7 Antibody (N-term) Blocking peptide - References**

Kimura, T., et al. Med Mol Morphol 43(3):145-157(2010)Escudero-Paunetto, L., et al. Virology 401(2):155-164(2010)Manley, J.L., et al. Genes Dev. 24(11):1073-1074(2010)Valente, S.T., et al. Mol. Cell 36(2):279-289(2009)Shepard, P.J., et al. Genome Biol. 10 (10), 242 (2009) :