

**SRSF3 Antibody**  
Rabbit mAb  
Catalog # AP92109**Specification**

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**SRSF3 Antibody - Product Information**

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">P84103</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Splicing factor; SRp20; SRSF3; X16;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	19330 Da

**SRSF3 Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human SRSF3</b>
Description	<b>May be involved in RNA processing in relation with cellular proliferation and/or maturation.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**SRSF3 Antibody - Protein Information****Name** SRSF3**Synonyms** SFRS3, SRP20**Function**

Splicing factor, which binds the consensus motif 5'- C[ACU][AU]C[ACU][AC]C-3' within pre-mRNA and promotes specific exons inclusion during alternative splicing (PubMed: [17036044](http://www.uniprot.org/citations/17036044), PubMed: [26876937](http://www.uniprot.org/citations/26876937), PubMed: [32440474](http://www.uniprot.org/citations/32440474)). Interaction with YTHDC1, a RNA- binding protein that recognizes and binds N6-methyladenosine (m6A)-containing RNAs, promotes recruitment of SRSF3 to its mRNA-binding elements adjacent to m6A sites within exons (PubMed: [26876937](http://www.uniprot.org/citations/26876937)). Also functions as an adapter involved in mRNA nuclear export (PubMed: [11336712](http://www.uniprot.org/citations/11336712), PubMed: [18364396](http://www.uniprot.org/citations/18364396)),

PubMed:<a href="http://www.uniprot.org/citations/28984244" target="\_blank">28984244</a>). Binds mRNA which is thought to be transferred to the NXF1-NXT1 heterodimer for export (TAP/NXF1 pathway); enhances NXF1-NXT1 RNA-binding activity (PubMed:<a href="http://www.uniprot.org/citations/11336712" target="\_blank">11336712</a>, PubMed:<a href="http://www.uniprot.org/citations/18364396" target="\_blank">18364396</a>). Involved in nuclear export of m6A- containing mRNAs via interaction with YTHDC1: interaction with YTHDC1 facilitates m6A-containing mRNA-binding to both SRSF3 and NXF1, promoting mRNA nuclear export (PubMed:<a href="http://www.uniprot.org/citations/28984244" target="\_blank">28984244</a>).

### Cellular Location

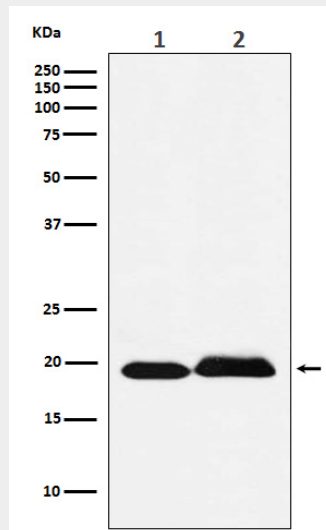
Nucleus. Nucleus speckle. Cytoplasm. Note=Recruited to nuclear speckles following interaction with YTHDC1.

### SRSF3 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SRSF3 Antibody - Images



Western blot analysis of SRSF3 expression in (1) Jurkat cell lysate; (2) Rat brain lysate.