

**SRSF3 Rabbit mAb**  
Catalog # AP76811**Specification**

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**SRSF3 Rabbit mAb - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P84103</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>19330</b>

**SRSF3 Rabbit mAb - Additional Information****Gene ID** 6428**Other Names**

SRSF3

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

**Format**

Liquid

**SRSF3 Rabbit mAb - 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: <a href="http://www.uniprot.org/citations/17036044" target="\_blank">17036044</a>, PubMed: <a href="http://www.uniprot.org/citations/26876937" target="\_blank">26876937</a>, PubMed: <a href="http://www.uniprot.org/citations/32440474" target="\_blank">32440474</a>). 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: <a href="http://www.uniprot.org/citations/26876937" target="\_blank">26876937</a>). Also functions as an adapter involved in mRNA nuclear export (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>, 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/11336712" target="\_blank">11336712</a>, PubMed: <a href="http://www.uniprot.org/citations/11336712" target="\_blank">11336712</a>).

<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 Rabbit mAb - 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 Rabbit mAb - Images



