

**FUSIP1 antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11843****Specification**

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**FUSIP1 antibody - C-terminal region - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">O75494</a>
Other Accession	<a href="#">NM_054016</a> , <a href="#">NP_473357</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse
Predicted	Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29kDa KDa

**FUSIP1 antibody - C-terminal region - Additional Information****Gene ID** 10772**Alias Symbol** FUSIP2, NSSR, SFRS13, SRp38, SRp40, TASR, TASR1, TASR2, FUSIP1, SFRS13A**Other Names**

Serine/arginine-rich splicing factor 10, 40 kDa SR-repressor protein, SRp40, FUS-interacting serine-arginine-rich protein 1, Splicing factor SRp38, Splicing factor, arginine/serine-rich 13A, TLS-associated protein with Ser-Arg repeats, TASR, TLS-associated protein with SR repeats, TLS-associated serine-arginine protein, TLS-associated SR protein, SRSF10, FUSIP1, FUSIP2, SFRS13A, TASR

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-FUSIP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

FUSIP1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**FUSIP1 antibody - C-terminal region - Protein Information****Name** SRSF10**Synonyms** FUSIP1, FUSIP2, SFRS13A, TASR**Function**

Splicing factor that in its dephosphorylated form acts as a general repressor of pre-mRNA splicing (PubMed:<a href="http://www.uniprot.org/citations/11684676" target="\_blank">11684676</a>),

PubMed:<a href="http://www.uniprot.org/citations/12419250" target="\_blank">12419250</a>, PubMed:<a href="http://www.uniprot.org/citations/14765198" target="\_blank">14765198</a>). Seems to interfere with the U1 snRNP 5'-splice recognition of SNRNP70 (PubMed:<a href="http://www.uniprot.org/citations/14765198" target="\_blank">14765198</a>). Required for splicing repression in M-phase cells and after heat shock (PubMed:<a href="http://www.uniprot.org/citations/14765198" target="\_blank">14765198</a>). Also acts as a splicing factor that specifically promotes exon skipping during alternative splicing (PubMed:<a href="http://www.uniprot.org/citations/26876937" target="\_blank">26876937</a>). Interaction with YTHDC1, a RNA-binding protein that recognizes and binds N6-methyladenosine (m6A)-containing RNAs, prevents SRSF10 from binding to its mRNA-binding sites close to m6A-containing regions, leading to inhibit exon skipping during alternative splicing (PubMed:<a href="http://www.uniprot.org/citations/26876937" target="\_blank">26876937</a>). May be involved in regulation of alternative splicing in neurons, with isoform 1 acting as a positive and isoform 3 as a negative regulator (PubMed:<a href="http://www.uniprot.org/citations/12419250" target="\_blank">12419250</a>).

**Cellular Location**

Nucleus speckle. Cytoplasm

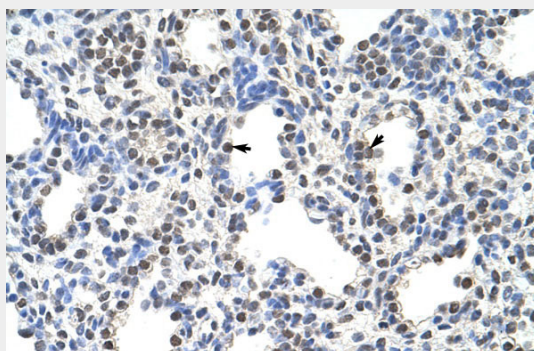
**Tissue Location**

Widely expressed.

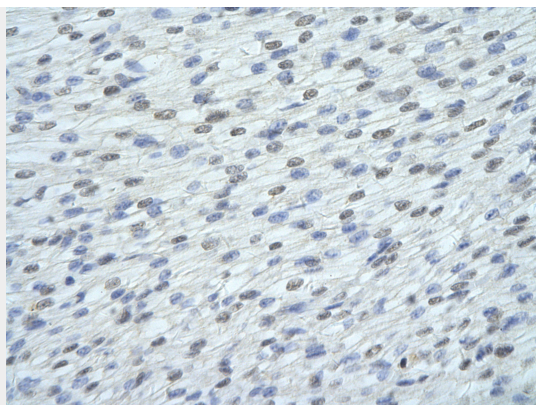
**FUSIP1 antibody - C-terminal region - Protocols**

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

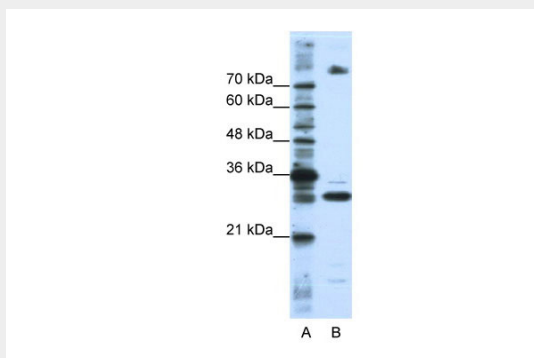
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FUSIP1 antibody - C-terminal region - Images**

Rabbit Anti-FUSIP1 Antibody  
Paraffin Embedded Tissue: Human Lung  
Cellular Data: Alveolar cells  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400



Rabbit Anti-FUSIP1 antibody  
Paraffin Embedded Tissue: Human Heart cell  
Cellular Data: cardiac cell of renal tubule  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X



WB Suggested Anti-FUSIP1 Antibody Titration: 0.2-1 µg/ml  
Positive Control: HepG2 cell lysate  
FUSIP1 is supported by BioGPS gene expression data to be expressed in HepG2

#### **FUSIP1 antibody - C-terminal region - References**

Shin,C., (2005) Mol. Cell. Biol. 25 (18), 8334-8343  
Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.