

**FUSIP1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55099****Specification**

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**FUSIP1 Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">O75494</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31301

**FUSIP1 Polyclonal Antibody - Additional Information****Gene ID** 10772**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**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**FUSIP1 Polyclonal Antibody - 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

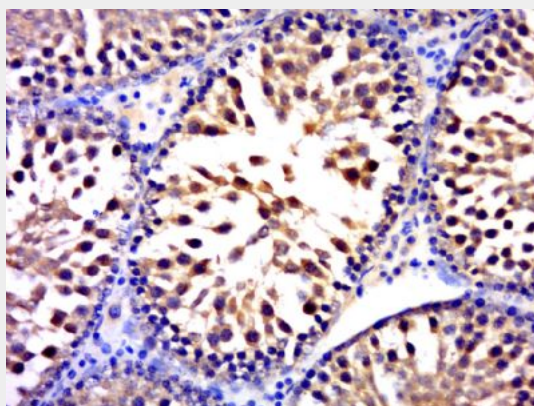
**Tissue Location**

Widely expressed.

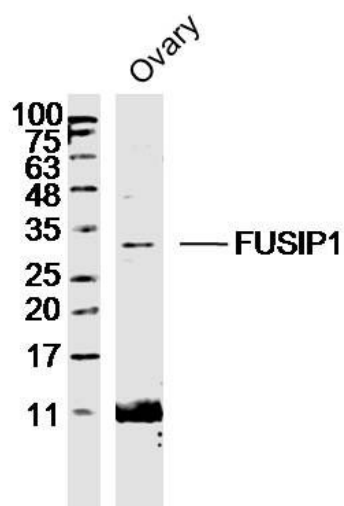
**FUSIP1 Polyclonal Antibody - Protocols**

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](#)

**FUSIP1 Polyclonal Antibody - Images**

Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FUSIP1) Polyclonal Antibody, Unconjugated (bs-13229R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Sample: Ovary (Mouse) Lysate at 40 ug  
Primary: Anti- FUSIP1 (bs-13229R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 31kD  
Observed band size: 31kD