

Datasheet for ABIN954767
anti-SRSF3 antibody (C-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SRSF3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRSF3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide from Human SFRS3.
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total SFRS3 protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	SRSF3
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Target Details

Alternative Name: SFRS3 ([SRSF3 Products](#))

Background: Pre-mRNA splicing enhancer elements are short RNA sequences capable of activating weak splice sites in nearby introns that are required for accurate splice site recognition and the control of alternative splicing. Splicing enhancer elements contain specific binding sites for serine/arginine (SR)-rich splicing factors, which include SC35, 9G8, SRp20, and SF2/ASF. The family of SR factors all contain one or more RNA recognition motifs (RRM) and an arginine/serine(RS)-rich domain. They are not only essential for constitutive splicing but also regulate splicing in a concentration-dependent manner by influencing the selection of alternative splice sites. The majority of SR proteins, including SC35 and SRp40, are confined to the nucleus, while SF2/ASF, SRp20, and 9G8 are continuously shuttled between the nucleus and the cytoplasm and contribute to mRNA transport. The activity of SR proteins in regulated splicing is antagonized by members of the hnRNP A/B family of proteins, which induce drastic shifts in the selection of splicing sites. An additional SR-associated protein, p32, tightly associates with SR factors and preferentially inhibits ASF/SF2 functioning as both a splicing enhancer and splicing repressor protein by preventing the stable interaction of ASF/SF2 and RNA. Synonyms: Pre-mRNA-splicing factor SRP20, SRP20, Splicing factor arginine/serine-rich 3

Gene ID: 6428

NCBI Accession: [NP_003008](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM Sodium Chloride, 0.02 % Sodium Azide, 50 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

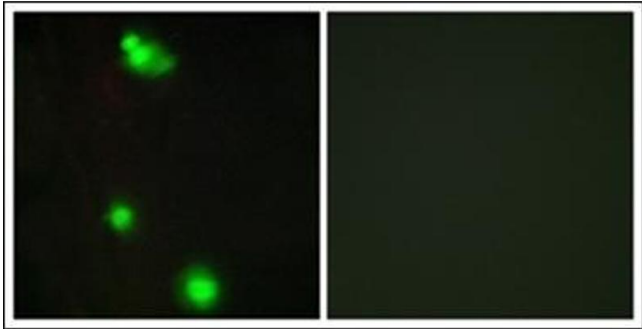
Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Handling

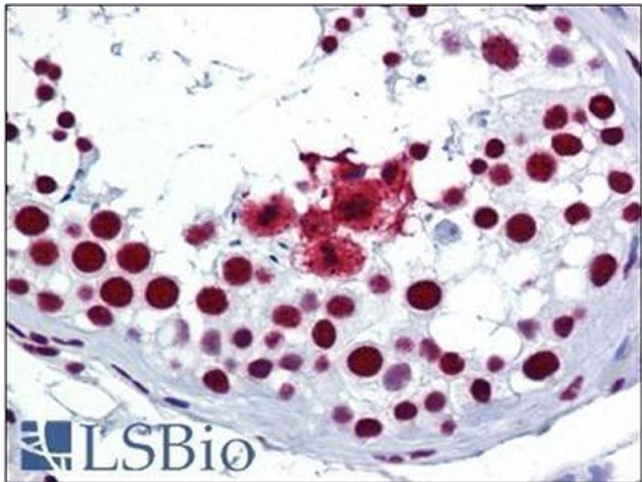
Storage Comment: Store the antibody (in aliquots) at -20 °C.

Images



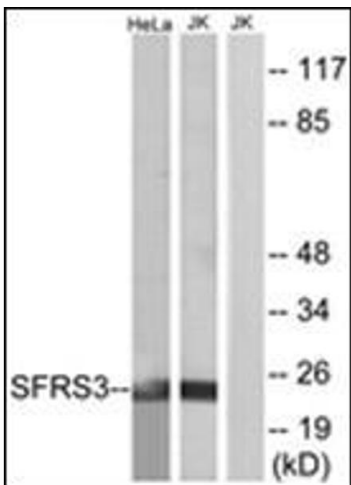
Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells, using SFRS3 Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 3. Western blot analysis of extracts from HeLa/Jurkat cells, using SFRS3 Antibody. The lane on the right is treated with the synthesized peptide.