

Product Name: KO-Validated SRSF6 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00113**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC,IHC-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 39.6kDa

Antigen Information

Gene Name	SRSF6
Alternative Names	SRSF6; Serine And Arginine Rich Splicing Factor 6; SRP55; Serine/Arginine-Rich Splicing Factor 6; SFRS6; B52; Splicing Factor, Arginine/Serine-Rich 6; Pre-mRNA-Splicing Factor SRP55; SR Splicing Factor 6; Splicing Factor, Arginine/Serine-Rich, 55 KDa; Epididymis Secretory Protein Li 91; Pre-mRNA Splicing Factor SRP55; HEL-S-91
Gene ID	6431.0
SwissProt ID	Q13247
Immunogen	A synthesized peptide derived from human SRSF6

Background

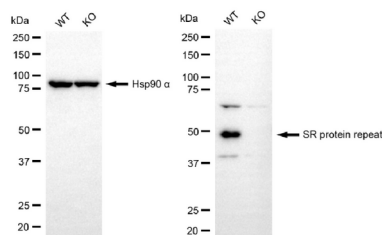
The protein encoded by this gene is involved in mRNA splicing and may play a role in the determination of alternative splicing.

The encoded nuclear protein belongs to the splicing factor SR family and has been shown to bind with and modulate another member of the family, SRSF12. Alternative splicing results in multiple transcript variants. In addition, two pseudogenes, one on chromosome 17 and the other on the X chromosome, have been found for this gene.[provided by RefSeq, Sep 2010]

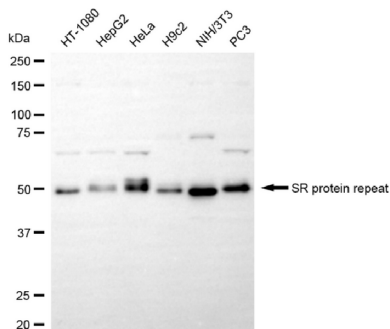
Research Area

Epigenetics and Nuclear Signaling

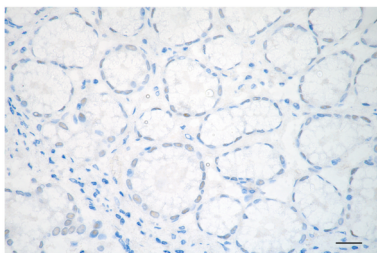
Image Data



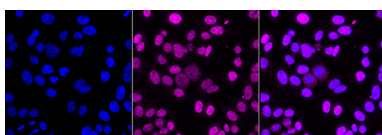
Western blotting analysis using SRSF6 antibody (KVA00113). SRSF6 expression in wild type (WT) and SRSF6 knockout (KO) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SRSF6 antibody (KVA00113, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



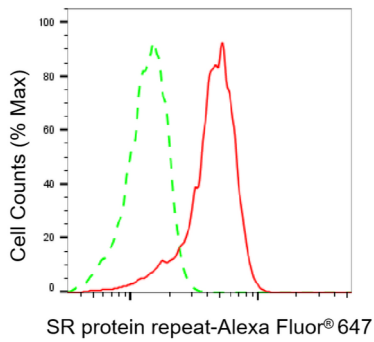
Western blotting analysis using SRSF6 antibody (KVA00113). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SRSF6 antibody (KVA00113, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded human gastric carcinoma using SRSF6 antibody (KVA00113, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Immunocytochemical staining of HepG2 cells with SRSF6 antibody (KVA00113, 1:1,000). Nuclei were stained blue with DAPI; SRSF6 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of SRSF6 expression in HepG2 cells using SRSF6 antibody (KVA00113, 1:2,000). Green, isotype control; red, SRSF6.