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Product datasheet for TA808492M

SFRS9 (SRSF9) Mouse Monoclonal Antibody [Clone ID: OTI5A12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5A12
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SRSF9 (NP_003760) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	serine/arginine-rich splicing factor 9
Database Link:	NP_003760 Entrez Gene 108014 MouseEntrez Gene 288701 RatEntrez Gene 8683 Human Q13242
Background:	The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors. In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Two pseudogenes, one on chromosome 15 and the other on chromosome 21, have been found for this gene. [provided by RefSeq, Sep 2010]

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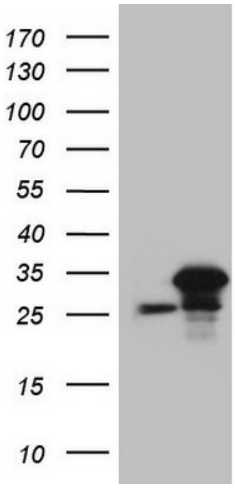
Synonyms: SFRS9; SRp30c

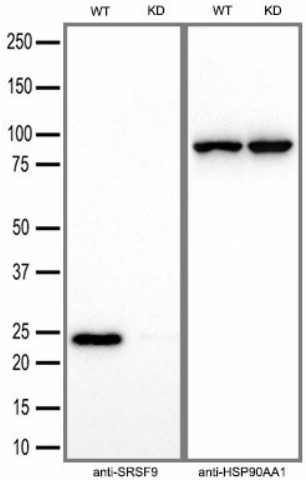
Protein Families: Druggable Genome

Protein Pathways: Spliceosome

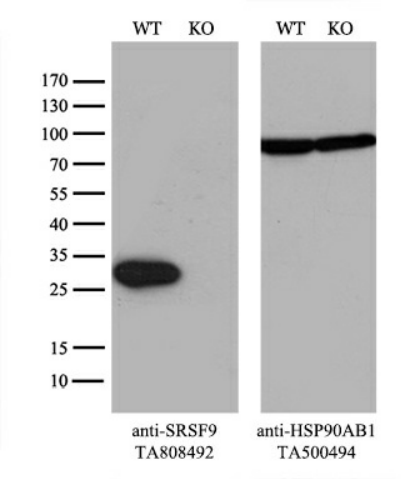
Product images:



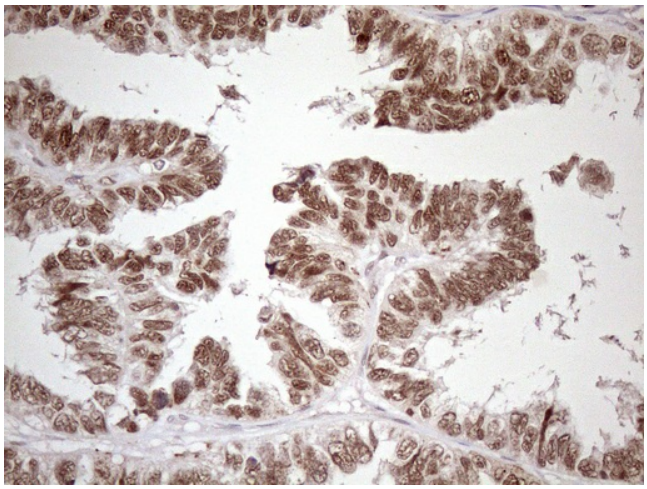
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SRSF9 ([RC210898], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SRSF9 (1:2000). Positive lysates [LY418444] (100ug) and [LC418444] (20ug) can be purchased separately from OriGene.



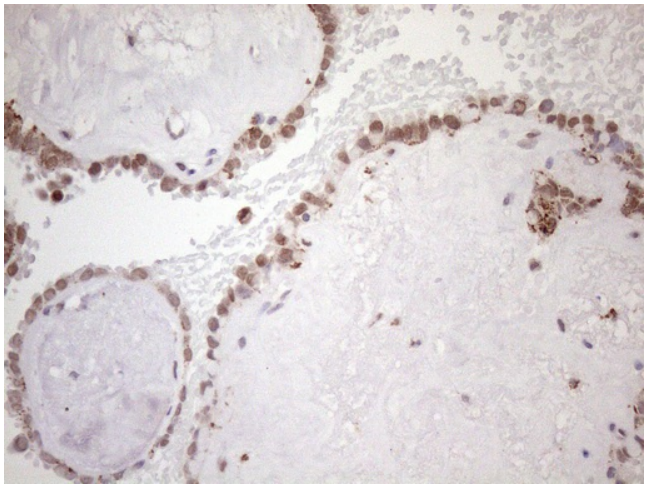
Equivalent amounts of cell lysates (30 ug per lane) of wild-type HAP-1 cells (WT) and SRSF9-Knockdown HAP-1 cells (KD) were separated by SDS-PAGE and immunoblotted with anti-SRSF9 monoclonal antibody [TA808492] (1:5000). Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.



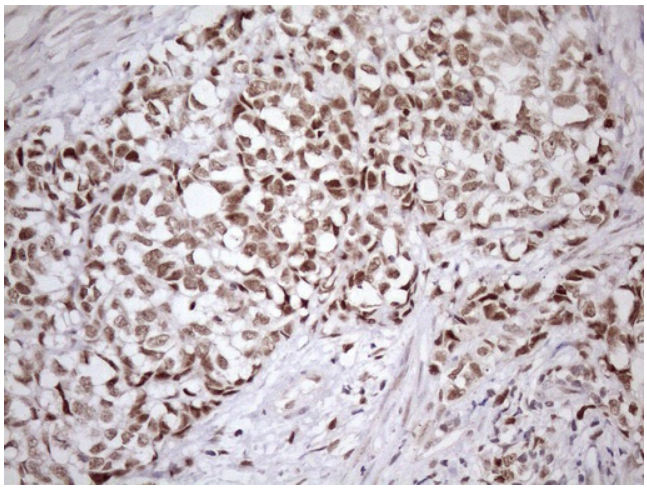
Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and SRSF9-Knockout 293T cells (KO, Cat# [LC841739]) were separated by SDS-PAGE and immunoblotted with anti-SRSF9 monoclonal antibody [TA808492], (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.



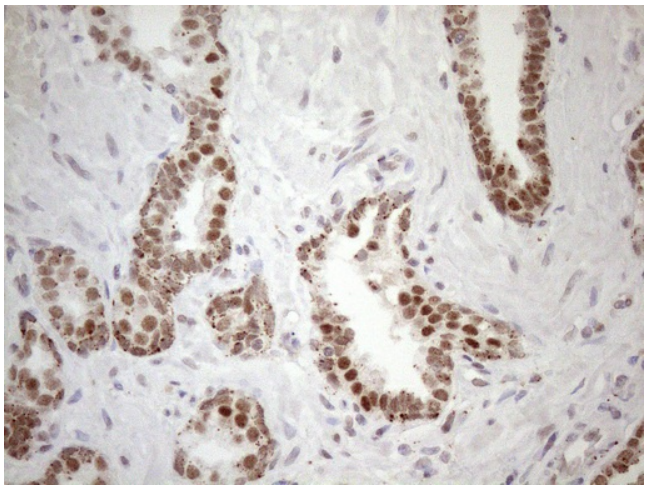
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SRSF9 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



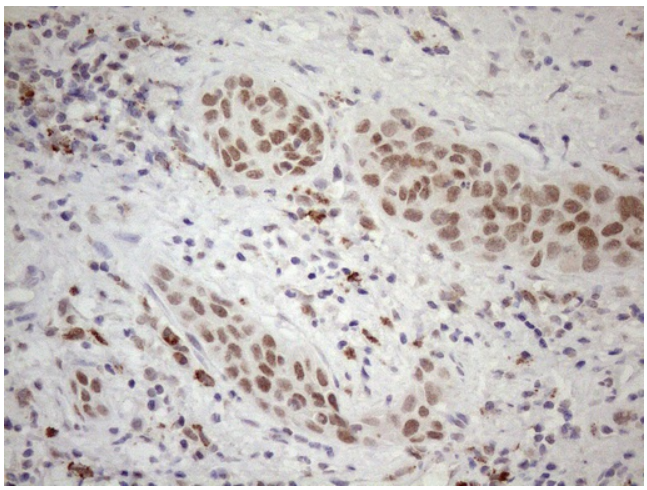
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-SRSF9 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SRSF9 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-SRSF9 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-SRSF9 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.