

Product datasheet for **AP53881PU-N**

SFRS7 (SRSF7) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Peptide ELISA: 1/1,000. Western blotting: 1/1,000. Immunohistochemistry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 69-98 amino acids from the N-terminal region of Human SFRS7
Specificity:	Recognizes SFRS7 (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide Affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serine/arginine-rich splicing factor 7
Database Link:	Entrez Gene 6432 Human Q16629



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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 transcript variants encoding different isoforms have been found for this gene.

Synonyms:

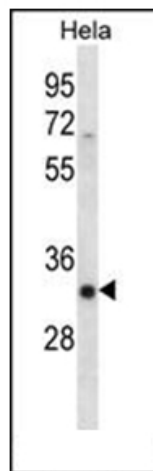
9G8; 35kDa; 9430065L19Rik; NX-96; Sfrs7

Note:

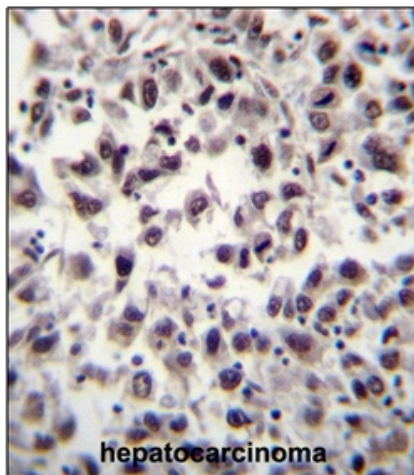
Molecular Weight: 27367 Da

Protein Pathways:

Spliceosome

Product images:

Western blot analysis using SFRS7 Antibody (N-term) in HeLa cell line lysates (35ug/lane). This demonstrates the SFRS7 antibody detected the SFRS7 protein (arrow).



Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human Hepatocarcinoma tissue stained with SFRS7 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SFRS7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.