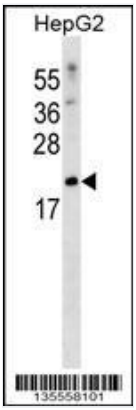
SFRS3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SFRS3, Polyclonal Antibody
Full Product Name	SFRS3, ID (SRSF3, SFRS3, SRP20, Serine/arginine-rich splicing factor 3, Pre-mRNA-splicing factor SRP20, Splicing factor, arginine/serine-rich 3) (APC)
Product Gene Name	anti-SFRS3 antibody
Product Synonym Gene Name	SRSF3
Product Synonym Names	SRSF3; SFRS3; SRP20; Serine/arginine-rich splicing factor 3; Pre-mRNA-splicing factor SRP20; Splicing factor; arginine/serine-rich 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	19,330 Da
Chromosome Location	Chromosome: 6; NC_000006.11 (36562090..36572244). Location: 6p21
OMIM	603364
3D Structure	ModBase 3D Structure for P84103
Immunogen	SFRS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-110 amino acids from the Central region of human SFRS3.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-SFRS3 antibody	Antibodies; Splicing Factors
Applications Tested/Suitable for anti-SFRS3 antibody	Western Blot (WB), FLISA
Application Notes for anti-SFRS3 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.

Related Product Information for anti-SFRS3 antibody	SFRS3 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, one protein-coding and the other non-coding, have been found for this gene.
Product References and Citations for anti-SFRS3 antibody	Verma, D., et al. J. Virol. 84(22):11781-11789(2010). Anko, M.L., et al. Nat. Struct. Mol. Biol. 17(8):962-970(2010). Escudero-Paunetto, L., et al. Virology 401(2):155-164(2010). Manley, J.L., et al. Genes Dev. 24(11):1073-1074(2010). Fingert, J.H., et al. Mol. Vis. 16, 596-601 (2010).
Other Notes	Small volumes of anti-SFRS3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SFRS3 purchase	MBS6346692 is an antibody targeting SFRS3. Also known as SFRS3, ID (SRSF3, SFRS3, SRP20, Serine/arginine-rich splicing factor 3, Pre-mRNA-splicing factor SRP20, Splicing factor, arginine/serine-rich 3) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-SFRS3 antibody
SFRS3 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the SFRS3 antibody detected the SFRS3 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SFRS3. It may not necessarily be applicable to this product.

NCBI GI #	4506901
NCBI GeneID	6428
NCBI Accession #	NP_003008.1
UniProt Primary Accession #	P84103
UniProt Secondary Accession #	O08831; P23152; Q5R3K0
UniProt Related Accession #	P84103
GenBank Nucleotide #	NM_003017.4
NCBI Official Full Name	serine/arginine-rich splicing factor 3
NCBI Official Synonym Full Names	serine/arginine-rich splicing factor 3
NCBI Official Symbol	SRSF3
NCBI Official Synonym Symbols	SFRS3; SRp20
UniProt Protein Name	Serine/arginine-rich splicing factor 3
UniProt Synonym Protein Names	Pre-mRNA-splicing factor SRP20; Splicing factor, arginine/serine-rich 3

UniProt Gene Name	SRSF3
UniProt Synonym Gene Names	SFRS3; SRP20
UniProt Entry Name	SRSF3_HUMAN
NCBI Protein Information	serine/arginine-rich splicing factor 3; pre-mRNA-splicing factor SRP20; splicing factor, arginine/serine-rich 3; splicing factor, arginine/serine-rich, 20-kD
NCBI Summary for SFRS3	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, one protein-coding and the other non-coding, have been found for this gene. [provided by RefSeq, Sep 2010]
UniProt Comments for SFRS3	SFRS3: May be involved in RNA processing in relation with cellular proliferation and/or maturation. Belongs to the splicing factor SR family. Protein type: Spliceosome; RNA-binding; RNA processing; RNA splicing Chromosomal Location of Human Ortholog: 6p21 Cellular Component: nucleoplasm; cytoplasm Molecular Function: protein binding; RNA binding; nucleotide binding Biological Process: nuclear mRNA splicing, via spliceosome; transcription from RNA polymerase II promoter; mRNA export from nucleus; RNA splicing; gene expression; mRNA 3'-end processing; termination of RNA polymerase II transcription
Research Articles on SFRS3	**1.** results further define the mechanism of SRp20 cellular redistribution during picornavirus infections
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