SRp20 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRp20, Polyclonal Antibody
Full Product Name	SRp20 Polyclonal Conjugated Antibody
Product Gene Name	anti-SRp20 antibody
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
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	SRp20 polyclonal antibody detects endogenous levels of SRp20 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
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	Synthesized peptide derived from the C-terminal region of human SRp20.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-SRp20 antibody	Most Applications
Application Notes for anti-SRp20 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-SRp20 antibody	MBS9450123 is an antibody targeting SRp20. Also known as SRp20 Polyclonal Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-SRp20 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SRp20. 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
Protein Family	Serine/arginine-rich splicing factor
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 SRp20	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 SRp20	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 SRp20	**1.** results further define the mechanism of SRp20 cellular redistribution during picornavirus infections
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