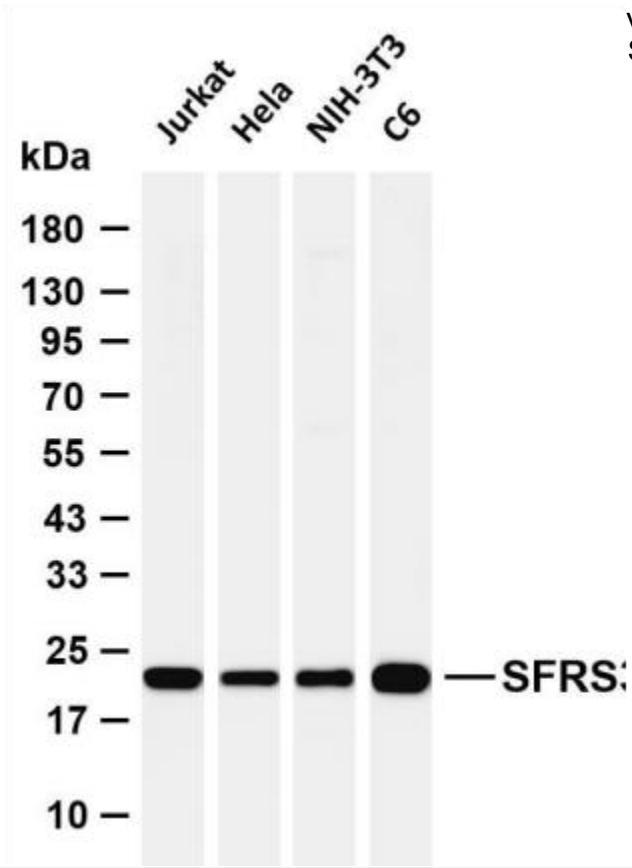
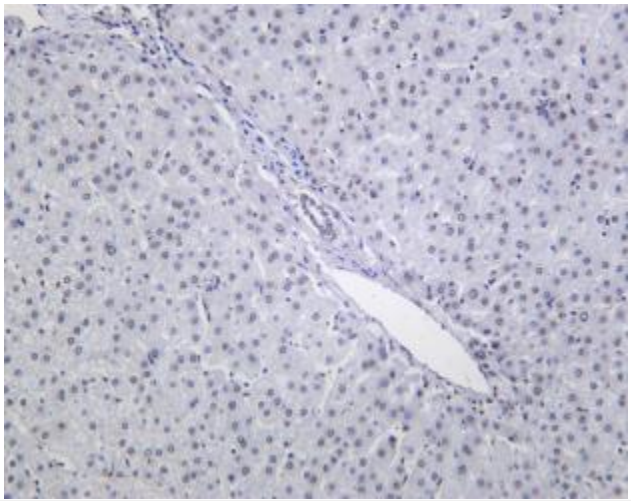
SFRS3 Rabbit mAb

Catalog No	YP-rAb-17150
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	SRSF3
Protein Name	Serine/arginine-rich splicing factor 3
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	SRSF3 ; SFRS3 ; SRP20 ; Serine/arginine-rich splicing factor 3 ; Pre-mRNA-splicing factor SRP20 ; Splicing factor ; arginine/serine-rich 3
Observed Band	22kD
Calculated Molecular Weight	19kD
Cell Pathway	Nucleus . Nucleus speckle . Cytoplasm . Recruited to nuclear speckles following interaction with YTHDC1__
Tissue Specificity	Brain,Epithelium,Placenta,Tongue,
Function	May be involved in RNA processing in relation with cellular proliferation and/or maturation.,PTM:Extensively phosphorylated on serine residues in the RS domain.,similarity:Belongs to the splicing factor SR family.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Interacts with CPSF6, RBMY1A1 and SFRS12.,
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

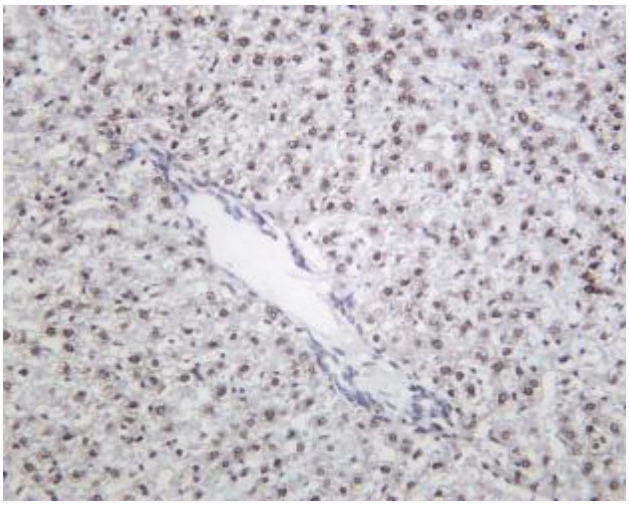
	shown to be involved in mRNA export from the nucleus and in translation. Two transcript variants, one protein-coding and the other non-coding, have been found for this gene. [provided by RefSeq, Sep 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



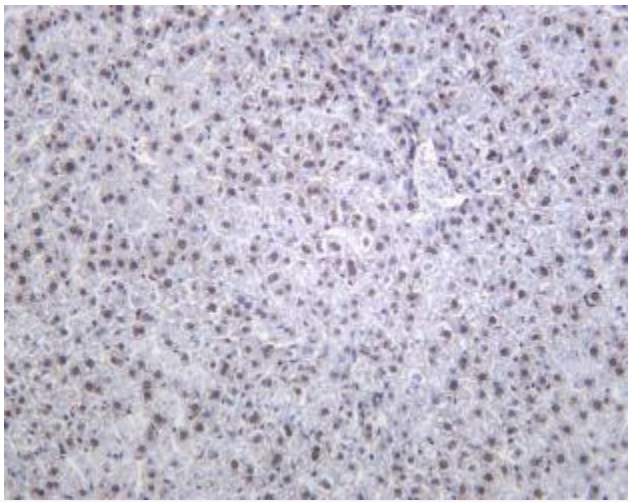
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SF



Human liver was stained with anti-SF



Mouse liver was stained with anti-SF



Rat liver was stained with anti-SFRS3 Rabbit antibody