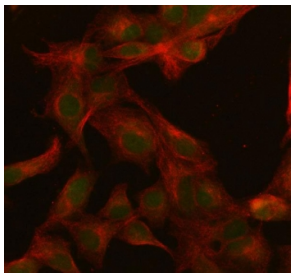
SFRS3 Antibody / SRSF3 / Serine/arginine-rich splicing factor 3 (R32173)

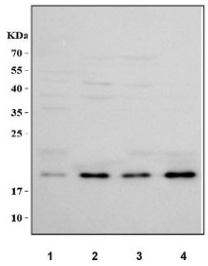
Catalog No.	Formulation	Size
R32173	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P84103
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml
Limitations	This SFRS3 antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with SFRS3 antibody (green) and Beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) SH-SY5Y, 2) 293T, 3) HepG2 and 4) SiHa cell lysate with SFRS3 antibody. Predicted molecular weight ~19 kDa.

Description

Splicing factor, arginine/serine-rich 3, also known as SRSF3, is a protein that in humans is encoded by the SFRS3 gene. 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.

Application Notes

Optimal dilution of the SFRS3 antibody should be determined by the researcher.

Immunogen

Amino acids MHRDSCPLDCKVYVGNLGNNGNKTELERA of human SFRS3 were used as the immunogen for the SFRS3 antibody.

Storage

After reconstitution, the SFRS3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.