

SFRS15 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53373**Specification**

SFRS15 Antibody - Product Information

Application	WB
Primary Accession	O95104
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	126 KDa
Antigen Region	606-655

SFRS15 Antibody - Additional Information**Gene ID** 57466**Dilution**

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

Storage

Store at -20 °C.Stable for 12 months from date of receipt

SFRS15 Antibody - Protein Information**Name** SCAF4 {ECO:0000303|PubMed:31104839, ECO:0000312|HGNC:HGNC:19304}**Function**

Anti-terminator protein required to prevent early mRNA termination during transcription (PubMed:31104839). Together with SCAF8, acts by suppressing the use of early, alternative poly(A) sites, thereby preventing the accumulation of non-functional truncated proteins (PubMed:31104839). Mechanistically, associates with the phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit (POLR2A), and subsequently binds nascent RNA upstream of early polyadenylation sites to prevent premature mRNA transcript cleavage and polyadenylation (PubMed:31104839). Independently of SCAF8, also acts as a suppressor of transcriptional readthrough (PubMed:31104839).

Cellular Location

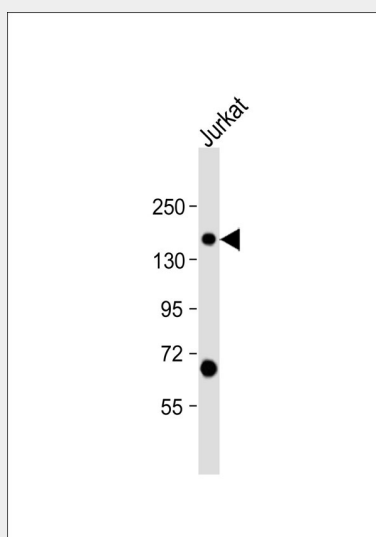
Nucleus.

SFRS15 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SFRS15 Antibody - Images



Anti-SFRS15 Antibody at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 126 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SFRS15 Antibody - Background

May act to physically and functionally link transcription and pre-mRNA processing.

SFRS15 Antibody - References

Tassone F.,et al.Submitted (AUG-1997) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Hattori M.,et al.Nature 405:311-319(2000).
Hirosawa M.,et al.DNA Res. 6:329-336(1999).