

SFRS15 Polyclonal Antibody
Catalog # AP72448**Specification**

SFRS15 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O95104
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

SFRS15 Polyclonal Antibody - Additional Information**Gene ID** 57466**Other Names**

SCAF4; KIAA1172; SFRS15; Splicing factor; arginine/serine-rich 15; CTD-binding SR-like protein RA4; SR-related and CTD-associated factor 4

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

SFRS15 Polyclonal 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

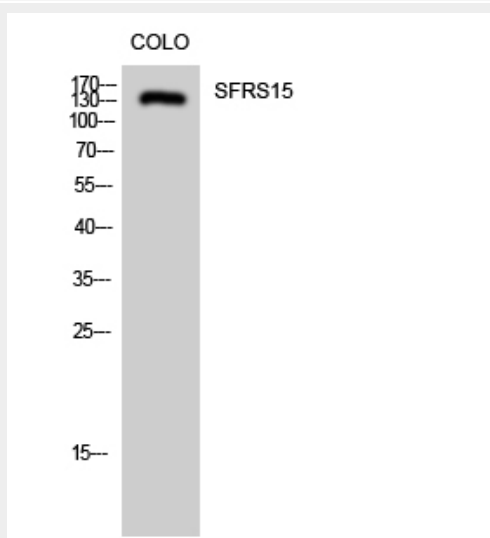
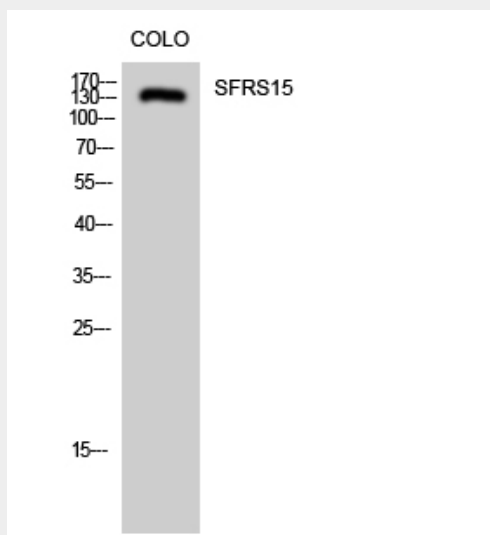
Nucleus.

SFRS15 Polyclonal 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 Polyclonal Antibody - Images



SFRS15 Polyclonal Antibody - Background

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