

SCAF4 Antibody (aa601-650)
Rabbit Polyclonal Antibody
Catalog # ALS15947**Specification**

SCAF4 Antibody (aa601-650) - Product Information

Application	IHC, WB
Primary Accession	O95104
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	126kDa KDa

SCAF4 Antibody (aa601-650) - Additional Information**Gene ID** 57466**Other Names**

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

Target/Specificity

SFRS15 Antibody detects endogenous levels of total SFRS15 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

SCAF4 Antibody (aa601-650) is for research use only and not for use in diagnostic or therapeutic procedures.

SCAF4 Antibody (aa601-650) - 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).

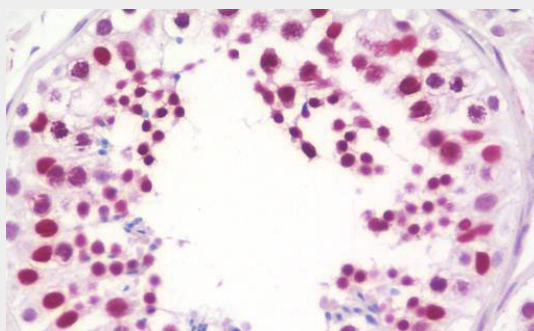
Cellular Location

Nucleus.

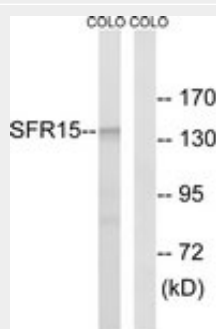
Volume50 μ l**SCAF4 Antibody (aa601-650) - Protocols**

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](#)

SCAF4 Antibody (aa601-650) - Images

Anti-SCAF4 antibody IHC staining of human testis.



Western blot of extracts from COLO cells, using SFRS15 Antibody.

SCAF4 Antibody (aa601-650) - Background

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

SCAF4 Antibody (aa601-650) - 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).