

SCAF8 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21643c

Specification

SCAF8 Antibody (Center) - Product Information

Application WB,E
Primary Accession Q9UPN6
Reactivity Human
Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Calculated MW 140519

SCAF8 Antibody (Center) - Additional Information

Gene ID 22828

Other Names

Protein SCAF8, CDC5L complex-associated protein 7, RNA-binding motif protein 16, SR-related and CTD-associated factor 8, SCAF8, CCAP7, KIAA1116, RBM16

Target/Specificity

This SCAF8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 520-554 amino acids from the Central region of human SCAF8.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SCAF8 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SCAF8 Antibody (Center) - Protein Information

Name SCAF8 {ECO:0000303|PubMed:9528809, ECO:0000312|HGNC:HGNC:20959}

Function Anti-terminator protein required to prevent early mRNA termination during transcription (PubMed:31104839). Together with SCAF4, 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 SCAF4, also acts as a positive regulator of transcript elongation (PubMed:31104839).

Cellular Location

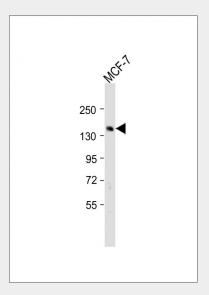
Nucleus. Nucleus matrix. Note=Detected in granular nuclear foci which correspond to sites of active transcription

SCAF8 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SCAF8 Antibody (Center) - Images



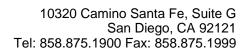
Anti-SCAF8 Antibody (Center) at 1:2000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 141 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SCAF8 Antibody (Center) - Background

May play a role in mRNA processing.

SCAF8 Antibody (Center) - References

Kikuno R., et al.DNA Res. 6:197-205(1999). Ota T., et al.Nat. Genet. 36:40-45(2004).





Mungall A.J.,et al.Nature 425:805-811(2003). Patturajan M.,et al.Mol. Cell. Biol. 18:2406-2415(1998). Ajuh P.,et al.EMBO J. 19:6569-6581(2000).