

RBM16 Polyclonal Antibody
Catalog # AP72209**Specification**

RBM16 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9UPN6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

RBM16 Polyclonal Antibody - Additional Information**Gene ID** 22828**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. 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

RBM16 Polyclonal Antibody - 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

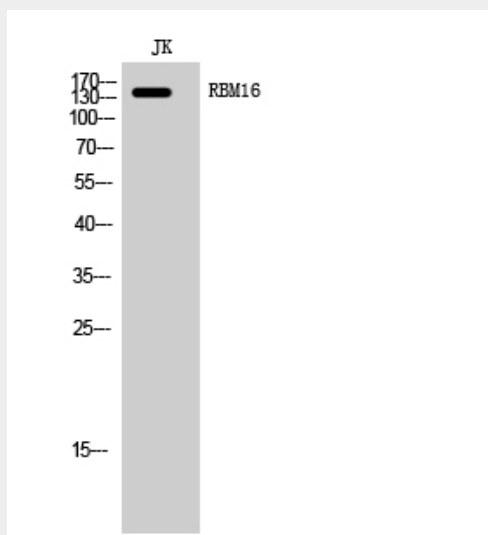
Nucleus. Nucleus matrix. Note=Detected in granular nuclear foci which correspond to sites of active transcription

RBM16 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](#)

RBM16 Polyclonal Antibody - Images



RBM16 Polyclonal Antibody - Background

May play a role in mRNA processing.