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Scaf8 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11796

Product Information

Application	WB
Primary Accession	Q6DID3
Other Accession	NM_134123, NP_598884
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	139572

Additional Information

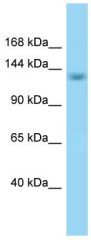
Gene ID	106583
Alias Symbol	A630086M08Rik, A930036P18Rik, AA408306, AI447644, AI448652, AU015035, KIAA1116, mKIAA1116, Rbm16
Other Names	Protein SCAF8, RNA-binding motif protein 16, SR-related and CTD-associated factor 8, Scaf8, Kiaa1116, Rbm16
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Scaf8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Scaf8 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Scaf8 {ECO:0000312|MGI:MGI:1925212}
Function	Anti-terminator protein required to prevent early mRNA termination during transcription. Together with SCAF4, acts by suppressing the use of early, alternative poly(A) sites, thereby preventing the accumulation of non-functional truncated proteins. 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. Independently of SCAF4, also acts as a positive regulator of transcript elongation.

Cellular Location	Nucleus. Nucleus matrix. Note=Detected in granular nuclear foci which correspond to sites of active transcription {ECO:0000250|UniProtKB:Q9UPN6}

Images



WB Suggested Anti-Scaf8 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.