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anti-RBM4 antibody (AA 121-205) (FITC)



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	N/P	r\/I	i⊢₩

Quantity:	100 μg
Target:	RBM4
Binding Specificity:	AA 121-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBM4 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human RNA-binding protein 4 protein (121-205AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	RBM4	
Alternative Name:	RBM4 (RBM4 Products)	
Background:	Background: RNA-binding factor involved in multiple aspects of cellular processes like	
	alternative splicing of pre-mRNA and translation regulation. Modulates alternative 5\\\'-splice	

site and exon selection. Acts as a muscle cell differentiation-promoting factor. Activates exon skipping of the PTB pre-mRNA during muscle cell differentiation. Antagonizes the activity of the splicing factor PTBP1 to modulate muscle cell-specific exon selection of alpha tropomyosin. Binds to intronic pyrimidine-rich sequence of the TPM1 and MAPT pre-mRNAs. Required for the translational activation of PER1 mRNA in response to circadian clock. Binds directly to the 3\\\'-UTR of the PER1 mRNA. Exerts a suppressive activity on Cap-dependent translation via binding to CU-rich responsive elements within the 3\\\'UTR of mRNAs, a process increased under stress conditions or during myocytes differentiation. Recruits EIF4A1 to stimulate IRESdependent translation initiation in respons to cellular stress. Associates to internal ribosome entry segment (IRES) in target mRNA species under stress conditions. Plays a role for miRNAguided RNA cleavage and translation suppression by promoting association of AGO2containing miRNPs with their cognate target mRNAs. Associates with miRNAs during muscle cell differentiation. Binds preferentially to 5\\\'-CGCGCG[GCA]-3\\\' motif in vitro. Aliases: dkfzp547k0918 antibody, hLark antibody, lark antibody, Lark homolog antibody, lark homologue antibody, mgc75138 antibody, RBM4 antibody, rbm4 lark antibody, RBM4_HUMAN antibody, RNA binding motif 4 antibody, RNA binding motif 4a antibody, RNA-binding motif protein 4 antibody, RNA-binding motif protein 4a antibody, RNA-binding protein 4 antibody

UniProt: Q9BWF3

Pathways: Regulation of Muscle Cell Differentiation, Photoperiodism

Application Details

Restrictions: For Research Use only

Handling

Format:

Buffer:

Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative:

ProClin

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

-20 °C,-80 °C

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.