

Rabbit anti-Human, Mouse RBM4 Polyclonal Antibody | anti-RBM4 antibody

RBM4 Antibody

CATALOG # AAA233075	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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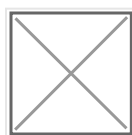
PRODUCT SYNONYMS

RBM4; Polyclonal Antibody; RBM4 Antibody; RNA-binding protein 4; Lark homolog; hLark; RNA-binding motif protein 4; RNA-binding motif protein 4a; RBM4A; anti-RBM4 antibody

PRODUCT SPECIFICATIONS

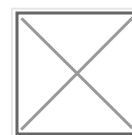
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	143
Applicable Applications for anti-RBM4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human RNA-binding protein 4 protein (121-205AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-98346
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA233075 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:Mouse brain tissueAll lanes: RBM4 antibody at 2.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 41,21,17,20 kDaObserved band size: 41 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RBM4 antibody	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 IRES-dependent 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 miRNA-guided RNA cleavage and translation suppression by promoting association of AGO2-containing miRNPs with their cognate target mRNAs. Associates with miRNAs during muscle cell differentiation. Binds preferentially to 5'-CGCGCG[GCA]-3' motif in vitro.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311771540
NCBI GeneID	5936
NCBI Accession #	NP_001185772.1
NCBI GenBank Nucleotide #	NM_001198843.1
UniProt Accession #	Q9BWF3; O02916; Q4VC48; Q6P1P2; Q8WU85; B3KUN0; B4E1U0; E7EQS3
Molecular Weight	19,788 Da
NCBI Official Full Name	RNA-binding protein 4 isoform 2
NCBI Official Synonym Full Names	RNA binding motif protein 4
NCBI Official Symbol	RBM4
NCBI Official Synonym Symbols	LARK; RBM4A; ZCRB3A; ZCCHC21
NCBI Protein Information	RNA-binding protein 4
UniProt Protein Name	RNA-binding protein 4
UniProt Gene Name	RBM4
UniProt Synonym Gene Names	RBM4A; hLark
UniProt Entry Name	RBM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rbm4-antibody-immunohistochemistry-western-blot-elisa/233075>