



Rabbit Anti-RBPMS antibody

SL19780R

Product Name:	RBPMS
Chinese Name:	RBPMS蛋白抗体
Alias:	FLJ32971; Heart and RRM expressed sequence; Hermes; RBP MS; RBP-MS; Rbpms; RBPMS_HUMAN; RNA binding protein gene with multiple splicing; RNA-binding protein with multiple splicing.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Rabbit,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	22kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RBPMS:1-100/196
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the RNA recognition motif family of RNA-binding proteins. The RNA recognition motif is between 80-100 amino acids in length and family members contain one to four copies of the motif. The RNA recognition motif consists of two short stretches of conserved sequence, as well as a few highly conserved hydrophobic residues. The encoded protein has a single, putative RNA recognition

motif in its N-terminus. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2013]

Function:

Acts as a coactivator of transcriptional activity. Required to increase TGFB1/Smad-mediated transactivation. Acts through SMAD2, SMAD3 and SMAD4 to increase transcriptional activity. Increases phosphorylation of SMAD2 and SMAD3 on their C-terminal SSXS motif, possibly through recruitment of TGFBR1. Promotes the nuclear accumulation of SMAD2, SMAD3 and SMAD4 proteins. Binds to poly(A) RNA.

Subcellular Location:

Nucleus. Cytoplasm.

Tissue Specificity:

Ubiquitously expressed, at various levels depending on the isoform and the tissue.

Similarity:

Contains 1 RRM (RNA recognition motif) domain.

SWISS:

Q93062

Gene ID:

11030

Database links:

[Entrez Gene: 428738](#) Chicken

[Entrez Gene: 614417](#) Cow

[Entrez Gene: 11030](#) Human

[Entrez Gene: 19663](#) Mouse

[Entrez Gene: 498642](#) Rat

[Omim: 601558](#) Human

[SwissProt: Q9W6I1](#) Chicken

[SwissProt: Q93062](#) Human

[SwissProt: Q9WVB0](#) Mouse

[Unigene: 334587](#) Human

[Unigene: 323997](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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