



## Rabbit Anti-RBMY1A1 antibody

SL10923R

<b>Product Name:</b>	RBMY1A1
<b>Chinese Name:</b>	RNABinding protein片段Y染色体家族蛋白1抗体
<b>Alias:</b>	hRBMY; MGC181956; RBM1; RBM2; RBMY; RNA binding motif protein 1; RNA binding motif protein 2; RNA binding motif protein Y chromosome family 1 member A1; RNA binding motif protein Y chromosome family 1 member A1/C; RNA binding motif protein Y chromosome family 1 member; RNA binding motif protein Y linked family 1 member A1; Y chromosome RNA recognition motif 1; YRRM1; YRRM2; RBY1A HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	56kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human RBMY1A1:81-180/496
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a protein containing an RNA-binding motif in the N-terminus and four SRGY (serine, arginine, glycine, tyrosine) boxes in the C-terminus. Multiple

copies of this gene are found in the AZFb azoospermia factor region of chromosome Y and the encoded protein is thought to be involved in spermatogenesis. Most copies of this locus are pseudogenes, although six highly similar copies have full-length ORFs and are considered functional. Four functional copies of this gene are found within inverted repeat IR2; two functional copies of this gene are found in palindrome P3, along with two copies of PTPN13-like, Y-linked. [provided by RefSeq, Jul 2008]

**Function:**

RBM1A1 is an RNA-binding protein which may be involved in spermatogenesis. It is required for sperm development, possibly by participating in pre-mRNA splicing in the testis.

**Subunit:**

Interacts with splicing factor proteins SFRS3/SRP20, TRA2B/SFRS10, KHDRBS1/SAM68 and KHDRBS3.

**Subcellular Location:**

Nuclear.

**Tissue Specificity:**

Testis-specific.

**Similarity:**

Contains 1 RRM (RNA recognition motif) domain.

**SWISS:**

P0DJD3

**Gene ID:**

5940

**Database links:**

[Entrez Gene: 5940](#)Human

[Omid: 400006](#)Human

[SwissProt: P0DJD3](#)Human

[Unigene: 380450](#)Human

**Important Note:**

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