10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RBMY1A1 Recombinant Rabbit mAb

Catalog # AP98675

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P0DJD3
Other Accession	P0DJD3
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Calculated MW	55784
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 RRM (RNA recognition motif) domain.
SUBUNIT	Interacts with splicing factor proteins SFRS3/SRP20, TRA2B/SFRS10, KHDRBS1/SAM68 and KHDRBS3.
Background Descriptions	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. This protein is thought to function as a splicing regulator during spermatogenesis. Multiple closely related paralogs of this gene are found in a gene cluster in the AZFb azoospermia factor region of chromosome Y. Most of these related copies are thought to be pseudogenes, though several likely encode functional proteins. [provided by RefSeq, Mar 2016]

Additional Information

Gene ID	5940
Other Names	RBM; RBM1; RBM2; RBMY; RBMY1C; YRRM1; YRRM2; RBY1A_HUMAN; RBMY1A1; RNA-binding motif protein 1; RNA-binding motif protein 2; Y chromosome RNA recognition motif 1 (hRBMY); RNA binding motif protein Y-linked family 1 member A1; RNA binding motif protein, Y chromosome, family 1, member A1; RNA binding motif protein, Y-linked, family 1, member A1; RNA-binding motif protein, Y chromosome, family 1 member A1; Y chromosome RNA recognition motif 1; hRBMY
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	RBMY1A1
Synonyms	RBM1, RBM2, YRRM1, YRRM2
Function	RNA-binding protein involved in pre-mRNA splicing. Required for sperm development. Acts additively with TRA2B to promote exon 7 inclusion of the survival motor neuron SMN. Binds non-specifically to mRNAs.
Cellular Location	Nucleus.
Tissue Location	Testis-specific..

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