

RBMY1D Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19033b

Product Information

Application	WB, E
Primary Accession	P0C7P1
Other Accession	Q15415 , A6NEQ0 , P0DJ4 , A6NDE4 , P0DJ43 , NP_001006120.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39653
Calculated MW	55775
Antigen Region	444-470

Additional Information

Gene ID	378949
Other Names	RNA-binding motif protein, Y chromosome, family 1 member D, RBMY1D
Target/Specificity	This RBMY1D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 444-470 amino acids from the C-terminal region of human RBMY1D.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RBMY1D Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RBMY1D
Function	RNA-binding protein which may be involved in spermatogenesis. Required for sperm development, possibly by participating in pre-mRNA splicing in the testis.

Cellular Location	Nucleus.
Tissue Location	Testis-specific.

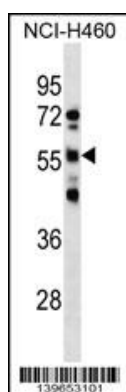
Background

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].

References

Tsuei, D.J., et al. *Oncogene* 23(34):5815-5822(2004)
Skaletsky, H., et al. *Nature* 423(6942):825-837(2003)
Chai, N.N., et al. *Genomics* 49(2):283-289(1998)
Prosser, J., et al. *Mamm. Genome* 7(11):835-842(1996)
Ma, K., et al. *Cell* 75(7):1287-1295(1993)

Images



RBMY1D Antibody (C-term) (Cat. #AP19033b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the RBMY1D antibody detected the RBMY1D protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.