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Datasheet for ABIN1713569

anti-RBMY1F antibody (AA 54-160)



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Quantity:	100 μL
Target:	RBMY1F
Binding Specificity:	AA 54-160
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBMY1F antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RBMY1F
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

rarget: RBMYTF

Target Details

Alternative Name:	RBMY1F (RBMY1F Products)	
Background:	Synonyms: YRRM2, RNA binding mot protein, Y chromosome, family 1 member F/J, RNA	
	binding mot protein, Y linked, family 1, member F, Y chromosome RNA recognition mot 2,	
	YRRM2, RBY1F_HUMAN.	
	Background: The RBM (RNA-binding motif) gene family encodes proteins with an RNA binding	
	motif. RBMY (RBM, Y chromosome) encodes a germ-cell specific nuclear protein involved in	
	spermatogenesis. The RBM gene family, including RBMY1A, RBMY1B, RBMY1D, RBMY1E,	
	RBMY1F, RBMY1H and RBMY1J, is comprised of at least 30 genes and pseudogenes, found on	
	both arms of the Y chromosome. RBM X, an ancestral X chromosome homolog of the RBMY	
	gene, encodes hnRNP G, which is widely expressed, whereas the RBMY gene evolved a male-	
	specific function in spermatogenesis. Micro-deletions of the AZFb region of the Y chromosome	
	which contains a number of RBMY genes, usually result in severe consequences for	
	spermatogenesis. RBM expression is localized to the nuclei of germ cells and RBM interacts	
	with Tra2beta. Tra2beta is a ubiquitous activator of pre-mRNA splicing, but is most highly	
	expressed in testis, suggesting a role for RBM in Tra2beta-dependent splicing in	
	spermatocytes. The human RBMX gene maps to chromosome Xq26 and the RBMY gene family	
	is found on all mammalian Y chomosomes.	
Gene ID:	159163	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Handling Format:	Liquid	
-	Liquid 1 μg/μL	

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months