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RBM9 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11732

Product Information

Application	WB
Primary Accession	O43251
Other Accession	NM_001031695, NP_001026865
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41374

Additional Information

Gene ID	23543
Alias Symbol	Fox-2, HNRBP2, HRNBP2, RTA, dJ106I20.3, fxh, FOX2, RBM9
Other Names	RNA binding protein fox-1 homolog 2, Fox-1 homolog B, Hexaribonucleotide-binding protein 2, RNA-binding motif protein 9, RNA-binding protein 9, Repressor of tamoxifen transcriptional activity, RBFOX2, FOX2, HRNBP2, RBM9, RTA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-RBM9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RBM9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RBFOX2
Synonyms	FOX2, HRNBP2, RBM9, RTA
Function	RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue- specific exons and of differentially spliced exons during erythropoiesis (By similarity). RNA-binding protein that seems to act as a coregulatory factor of ER-alpha. Together with RNA binding proteins RBPMS and MBNL1/2, activates vascular smooth muscle cells

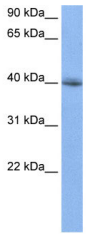
alternative splicing events (PubMed:37548402).

Cellular Location Nucleus. Cytoplasm.

References

Yang,G., (2008) Blood 111 (1), 392-401 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-RBM9 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate

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