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Rbm25 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11832

Product Information

Application	WB
Primary Accession	B2RY56
Other Accession	NM_027349, NP_081625
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rabbit, Zebrafish, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99552

Additional Information

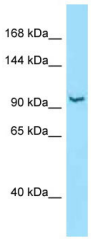
Gene ID	67039
Alias Symbol	2600011C06Rik, 2610015J01Rik, A130095G20Rik, AI159652, AL023075, AU043498, RNPC7
Other Names	RNA-binding protein 25, RNA-binding motif protein 25, Rbm25
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Rbm25 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	Rbm25 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Rbm25
Function	RNA-binding protein that acts as a regulator of alternative pre-mRNA splicing. Involved in apoptotic cell death through the regulation of the apoptotic factor BCL2L1 isoform expression. Modulates the ratio of proapoptotic BCL2L1 isoform S to antiapoptotic BCL2L1 isoform L mRNA expression. When overexpressed, stimulates proapoptotic BCL2L1 isoform S 5'-splice site (5'-ss) selection, whereas its depletion caused the accumulation of antiapoptotic BCL2L1 isoform L. Promotes BCL2L1 isoform S 5'-ss usage through the 5'-CGGGCA-3' RNA sequence. Its association with LUC7L3 promotes U1 snRNP binding to a weak 5' ss in a 5'-CGGGCA-3'-dependent manner. Binds to the exonic splicing enhancer 5'-CGGGCA-3' RNA sequence

	located within exon 2 of the BCL2L1 pre-mRNA (By similarity).
Cellular Location	Nucleus speckle {ECO:0000255|PROSITE- ProRule:PRU00627}. Cytoplasm. Note=Colocalizes predominantly, with SFRS2 and LUC7L3 splicing factors, in nuclear speckles. Cytoplasmic localization is faint (By similarity)

Images



WB Suggested Anti-Rbm25 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver

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