

## Rbm25 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al11832

## **Specification**

## Rbm25 antibody - middle region - Product Information

Application WB
Primary Accession B2RY56

Other Accession NM 027349, NP 081625

Reactivity Human, Mouse, Rat, Rabbit, Zebrafish,

Horse, Yeast, Bovine, Dog

Predicted Human, Mouse, Rabbit, Zebrafish, Chicken,

Horse, Bovine, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 99kDa KDa

# Rbm25 antibody - middle region - Additional Information

**Gene ID** 67039

Alias Symbol 2600011C06Rik, 2610015J01Rik,

A130095G20Rik, Al159652, 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.

## Rbm25 antibody - middle region - 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.



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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**

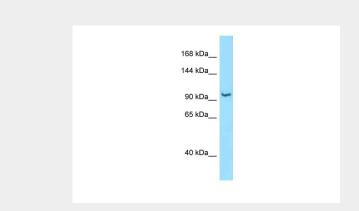
Nucleus speckle {ECO:0000255|PROSITE- ProRule:PRU00627}. Cytoplasm. Note=Colocalizes predominantly, with SFRS2 and LUC7L3 splicing factors, in nuclear speckles. Cytoplasmic localization is faint (By similarity)

# Rbm25 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Rbm25 antibody - middle region - Images



WB Suggested Anti-Rbm25 Antibody Titration: 1.0 μg/ml

Positive Control: Mouse Liver