

**Rbm8a Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11770****Specification**

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**Rbm8a Antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q27W01</a>
Other Accession	<a href="#">XM_215637</a> , <a href="#">XP_215637</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Dog
Predicted	Human, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19kDa kDa

**Rbm8a Antibody - N-terminal region - Additional Information****Gene ID** 295284

Alias Symbol	<b>Rbm8</b>
<b>Other Names</b>	

RNA-binding protein 8A, RNA-binding motif protein 8A, Ribonucleoprotein RBM8A, Rbm8a, Rbm8**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-Rbm8a 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**

Rbm8a Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**Rbm8a Antibody - N-terminal region - Protein Information****Name** Rbm8a**Synonyms** Rbm8**Function**

Required for pre-mRNA splicing as component of the spliceosome (By similarity). Core component of the splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junctions on mRNAs. The EJC is a dynamic structure consisting of core proteins and several peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. The EJC marks the position of the exon-exon

junction in the mature mRNA for the gene expression machinery and the core components remain bound to spliced mRNAs throughout all stages of mRNA metabolism thereby influencing downstream processes including nuclear mRNA export, subcellular mRNA localization, translation efficiency and nonsense-mediated mRNA decay (NMD). Its removal from cytoplasmic mRNAs requires translation initiation from EJC-bearing spliced mRNAs. Associates preferentially with mRNAs produced by splicing. Does not interact with pre-mRNAs, introns, or mRNAs produced from intronless cDNAs. Associates with both nuclear mRNAs and newly exported cytoplasmic mRNAs (By similarity).

#### Cellular Location

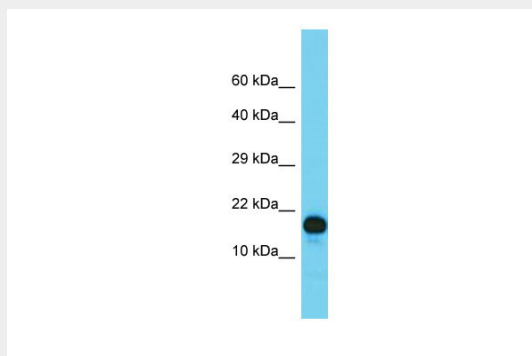
Nucleus. Nucleus speckle. Cytoplasm. Note=Nucleocytoplasmic shuttling protein. Travels to the cytoplasm as part of the exon junction complex (EJC) bound to mRNA. Colocalizes with the core EJC, ALYREF/THOC4, NXF1 and UAP56 in the nucleus and nuclear speckles  
{ECO:0000250|UniProtKB:Q9Y5S9}

#### Rbm8a Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Rbm8a Antibody - N-terminal region - Images



Host: Rabbit  
Target Name: Rbm8a  
Sample Tissue: Rat Stomach lysates  
Antibody Dilution: 1.0µg/ml