

**RBM3 Antibody (C-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF2921a**Specification**

---

**RBM3 Antibody (C-Term) - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P98179</a>
Other Accession	<a href="#">NP_006734.1</a> , <a href="#">5935</a> , <a href="#">19652 (mouse)</a> , <a href="#">114488 (rat)</a>
Reactivity	<b>Human</b>
Predicted	<b>Mouse, Rat, Dog</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>0.5 mg/ml</b>
Isotype	<b>IgG</b>
Calculated MW	<b>17170</b>

**RBM3 Antibody (C-Term) - Additional Information****Gene ID** 5935**Other Names**

RNA-binding protein 3, RNA-binding motif protein 3, RNPL, RBM3, RNPL

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RBM3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**RBM3 Antibody (C-Term) - Protein Information****Name** RBM3**Synonyms** RNPL**Function**

Cold-inducible mRNA binding protein that enhances global protein synthesis at both physiological and mild hypothermic temperatures. Reduces the relative abundance of microRNAs, when overexpressed. Enhances phosphorylation of translation initiation factors and active polysome formation (By similarity).

**Cellular Location**

Nucleus. Cytoplasm. Cell projection, dendrite. Note=Localizes in mRNA granules in dendrites.

**RBM3 Antibody (C-Term) - 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](#)

**RBM3 Antibody (C-Term) - Images**

AF2921a (0.01  $\mu\text{g/ml}$ ) staining of HepG2 lysate (35  $\mu\text{g}$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**RBM3 Antibody (C-Term) - References**

Translation regulatory factor RBM3 is a proto-oncogene that prevents mitotic catastrophe. Sureban SM, Ramalingam S, Natarajan G, May R, Subramaniam D, Bishnupuri KS, Morrison AR, Dieckgraefe BK, Brackett DJ, Postier RG, Houchen CW, Anant S. *Oncogene*. 2008 Jul 31;27(33):4544-56. PMID: 18427544