

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

RBM3 Antibody (C-Term) - Product Information

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

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 µg/ml) staining of HepG2 lysate (35 µg 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