

**RBM3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7397c****Specification**

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**RBM3 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P98179](#)**RBM3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 5935**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7397c](/products/AP7397c) was selected from the Center region of human RBM3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RBM3 Antibody (Center) Blocking Peptide - 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 (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **RBM3 Antibody (Center) Blocking Peptide - Images**

## **RBM3 Antibody (Center) Blocking Peptide - Background**

RBM3 is a member of the glycine-rich RNA-binding protein family and a protein with one RNA recognition motif (RRM) domain. Expression of this protein is induced by cold shock and low oxygen tension.

## **RBM3 Antibody (Center) Blocking Peptide - References**

Zeng,Y., J. Cell. Biochem. 107 (1), 179-188 (2009)Sureban,S.M., Oncogene 27 (33), 4544-4556 (2008)