

# **RBM3** Antibody

Rabbit mAb Catalog # AP92912

### **Product Information**

**Application** WB, IHC, IF, FC, ICC, IHF

Primary Accession P98179

Reactivity Human, Mouse
Clonality Monoclonal
Other Names Rbm3; RNPL;

IsotypeRabbit IgGHostRabbitCalculated MW17170

## **Additional Information**

**Dilution** WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50

**Purification** Affinity-chromatography

**Immunogen** A synthesized peptide derived from human RBM3

**Description** 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 phosphoryaltion of translation initiation factors and active polysome

formation.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

#### **Protein Information**

Name RBM3

Synonyms RNPL

**Function** Cold-inducible mRNA binding protein that enhances global protein synthesis

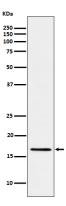
at both physiological and mild hypothermic temperatures. Reduces the relative abundance of microRNAs, when overexpressed. Enhances phosphorylation of translation initiation factors and active polysome

formation (By similarity).

Cellular Location Nucleus. Cytoplasm. Cell projection, dendrite. Note=Localizes in mRNA

granules in dentrites.

# **Images**



Western blot analysis of RBM3 expression in Jurkat cell lysate.

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