



## Rabbit Anti-RBML2 antibody

SL19779R

<b>Product Name:</b>	RBML2
<b>Chinese Name:</b>	RBML2蛋白抗体
<b>Alias:</b>	Heterogeneous nuclear ribonucleoprotein G T; hnRNP G T; hnRNP G-T; HNRNPG T; HNRNPGT; HNRNPGT; RBML L2; RBML 2; RBML2; RBML2_HUMAN; RNA binding motif protein X linked like 2; RNA-binding motif protein; Testes specific heterogenous nuclear ribonucleoprotein G T; Testis-specific heterogeneous nuclear ribonucleoprotein G-T; X-linked-like-2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	43kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human RBML2:221-320/392
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene belongs to the HNRPG subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated

with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two RRM domains that bind RNAs. This gene is intronless and is thought to be derived from a processed retroposon. However, unlike many retroposon-derived genes, this gene is not a pseudogene. The encoded protein has similarity to HNRPG and RBMY proteins and it is suggested to replace HNRPG protein function during meiotic prophase or act as a germ cell-specific splicing regulator. It primarily localizes to the nuclei of meiotic spermatocytes. This gene is a candidate for autosomal male infertility. [provided by RefSeq, Jul 2008]

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Expressed predominantly in spermatocytes and less in round spermatids (at protein level). Expressed in germ cells.

**Similarity:**

Contains 1 RRM (RNA recognition motif) domain.

**SWISS:**

O75526

**Gene ID:**

27288

**Database links:**

[Entrez Gene: 27288](#) Human

[Entrez Gene: 76572](#) Mouse

[Entrez Gene: 365344](#) Rat

[Omim: 605444](#) Human

[SwissProt: O75526](#) Human

[Unigene: 121605](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

