



Rabbit Anti-RBM15 antibody

SL12402R

Product Name:	RBM15
Chinese Name:	RNABinding protein15抗体
Alias:	One twenty two protein; OTT; OTT1; SPEN; RNA binding motif protein 15; RBM15 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
Applications:	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.
Molecular weight:	107kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RBM15:151-250/977
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	Members of the SPEN (Split-end) family of proteins, including RBM15, have repressor function in several signaling pathways and may bind to RNA through interaction with spliceosome components (Hiriart et al., 2005 [PubMed 16129689]).[supplied by OMIM, Feb 2009] Function:

Rbm15 plays an important role in hematopoietic development, with pleiotropic effects in the stem cell, lymphoid, and myeloid compartments.

Subunit:

Interacts with Epstein-Barr virus BSFL2/BMLF1.

Subcellular Location:

Nuclear.

DISEASE:

Note=A chromosomal aberration involving RBM15 may be a cause of acute megakaryoblastic leukemia. Translocation t(1;22)(p13;q13) with MKL1. Although both reciprocal fusion transcripts are detected in acute megakaryoblastic leukemia (AMKL, FAB-M7), the RBM15-MKL1 chimeric protein has all the putative functional domains encoded by each gene and is the candidate oncogene.

Similarity:

Belongs to the RRM Spen family.

Contains 3 RRM (RNA recognition motif) domains.

Contains 1 SPOC domain.

SWISS:

Q96T37

Gene ID:

64783

Database links:

[Entrez Gene: 64783](#) Human

[Omim: 606077](#) Human

[SwissProt: Q96T37](#) Human

[Unigene: 435947](#) Human

Important Note:

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