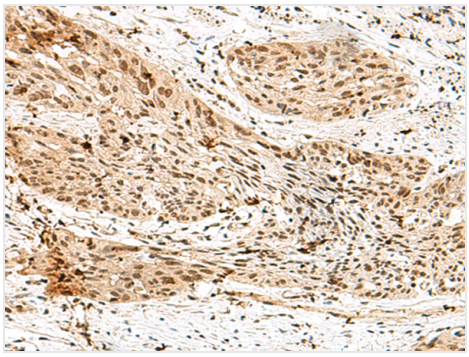
RBM15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RBM15, Polyclonal Antibody
Full Product Name	RBM15 Polyclonal Antibody
Product Gene Name	anti-RBM15 antibody
Product Synonym Names	One twenty two protein; One-twenty two protein 1; OTT; OTT1; Putative RNA-binding protein 15; RBM15; RBM15; RNA binding motif protein 15; RNA-binding motif protein 15
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	1.2mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	606077
3D Structure	ModBase 3D Structure for Q96T37
Immunogen	Fusion protein of human RBM15
Conjugation	Unconjugated
Product Categories/Family for anti-RBM15 antibody	Epigenetics and Nuclear Signaling; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RBM15 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-RBM15 antibody	IHC: 1:50-1:300 ELISA: 1:5000-1:10000
Related Product Information for anti-RBM15 antibody	RNA-binding motif protein 15 (RBM15) belongs to the SPEN protein family, which have repressor function in several signaling pathway, and may bind to RNA through interaction with spliceosome components. It was first described as a 5? translocation partner of the MAL gene in t(1, 22)(p13;q13) infant acute megakaryocytic leukemia, and it functions in murine hematopoiesis through modulating Notch-induced transcriptional activation, which play crucial roles in leukemogenesis. Decreasing RBM15 levels with RNA interference could inhibit the growth and proliferation, block the cell cycle, and induce apoptosis in CML cells.
Other Notes	Small volumes of anti-RBM15 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RBM15 purchase	MBS2560759 is an antibody targeting RBM15. Also known as RBM15 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-RBM15 antibody
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using RBM15 Polyclonal Antibody at dilution of 1:70(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RBM15. It may not necessarily be applicable to this product.

NCBI GI #	32363506
NCBI GeneID	64783
NCBI Accession #	Q96T37.2
NCBI Related Accession #	BC006397
UniProt Primary Accession #	Q96T37
UniProt Related Accession #	Q96T37
NCBI Official Full Name	RNA-binding protein 15
NCBI Official Synonym Full Names	RNA binding motif protein 15
NCBI Official Symbol	RBM15
NCBI Official Synonym Symbols	OTT; OTT1; SPEN
UniProt Protein Name	Putative RNA-binding protein 15
UniProt Synonym Protein Names	One-twenty two protein 1; RNA-binding motif protein 15
Protein Family	Putative RNA-binding protein
UniProt Gene Name	RBM15
UniProt Synonym Gene Names	OTT; OTT1
UniProt Entry Name	RBM15_HUMAN
NCBI Protein Information	RNA-binding protein 15
NCBI Summary for RBM15	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]

UniProt Comments for RBM15	RBM15: May be implicated in HOX gene regulation. 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. Belongs to the RRM Spen family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Spliceosome; Oncoprotein; RNA-binding Chromosomal Location of Human Ortholog: 1p13 Cellular Component: nucleoplasm; nuclear membrane Molecular Function: protein binding; nucleotide binding Biological Process: spleen development; patterning of blood vessels; negative regulation of myeloid cell differentiation; viral reproduction; negative regulation of transcription, DNA-dependent; activation of Notch receptor target transcription factor
Research Articles on RBM15	**1.** Study has shown that MED12 mutations can be heterogeneous in both synchronous and recurrent phyllodes tumor unlike TERT mutations. Authors have also shown that RBM15 mutations may be important in the pathogenesis of borderline/malignant phyllodes tumors.
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