



RBM15B Mouse mAb

Catalog No	YP-mAb-18937
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	RBM15B OTT3
Protein Name	Putative RNA-binding protein 15B (One-twenty two protein 3) (HuOTT3) (RNA-binding motif protein 15B)
Immunogen	Synthesized peptide derived from human RBM15B
Specificity	This antibody detects endogenous levels of RBM15B at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	98kD
Cell Pathway	Nucleus, nucleoplasm . Nucleus speckle . Nucleus envelope . Colocalizes with BMLF1 in the nucleus. Localized in the nucleoplasm with a granular staining pattern and excluded from the nucleoli. .
Tissue Specificity	Ubiquitously expressed.
Function	RNA-binding protein that acts as a key regulator of N6-methyladenosine (m6A) methylation of RNAs, thereby regulating different processes, such as alternative splicing of mRNAs and X chromosome inactivation mediated by Xist RNA . Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing . Plays a key role in m6A methylation, possibly by binding target RNAs and recruiting the WMM complex . Involved in random X inactivation mediated by Xist RNA: acts by binding Xist RNA and recruiting the WMM complex, which mediates m6A methylation, leading to target YTHDC1 reader on Xist RNA and promoting transcription repression activity of Xist . Functions in the regulation of alternative or illicit splicing, possibly by regulating m6A methylation . Inhibits pre-mRNA splicing . Also functions as a



mRNA export factor by acting as a cofactor for the nuclear export receptor NXF1 .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images