



RBM15B Mouse mAb

Catalog No	YP-mAb-18937
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RBM15B OTT3
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	OTT3;HsOTT3;HUMAGCGB;RBM15B;RBM15B OTT3;Putative RNA-binding protein 15B (One-twenty two protein 3) (HuOTT3) (RNA-binding motif protein 15B)
Observed Band	97kDa/107kDa
Calculated Molecular Weight	97kDa
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