



## RBM7 mouse mAb

货号	YP-mAb-18329
同位型	IgG
应用	WB
种属	Human, Mouse,Rat
基因名称	RBM7
蛋白名称	RNA-binding protein 7 (RNA-binding motif protein 7)
免疫原	Synthesized peptide derived from human RBM7
特异性	This antibody detects endogenous levels of RBM7 at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	29kD
功能	RNA-binding subunit of the trimeric nuclear exosome targeting (NEXT) complex, a complex that functions as an RNA exosome cofactor that directs a subset of non-coding short-lived RNAs for exosomal degradation . NEXT is involved in surveillance and turnover of aberrant transcripts and non-coding RNAs . Binds preferentially polyuridine sequences and associates with newly synthesized RNAs, including pre-mRNAs and short-lived exosome substrates such as promoter upstream transcripts (PROMPTs), enhancer RNAs (eRNAs), and 3'-extended products from small nuclear RNAs (snRNAs) . Participates in several biological processes including DNA damage response (DDR) and stress response . During stress response, activation of the p38MAPK-MK2 pathway decreases RBM7-RNA-binding and subsequently the RNA exosome degradation activities, thereby modulating the turnover of non-coding transcriptome . Participates in DNA damage response (DDR), through its interaction with MEPCE and LARP7, the core subunits of 7SK snRNP complex, that release the positive transcription elongation factor b (P-TEFb) complex from the 7SK snRNP. In turn, activation of P-TEFb complex induces the transcription of P-TEFb-dependent DDR genes to promote cell viability .
细胞定位	Nucleus, nucleoplasm . Nucleus . Excluded from the nucleolus. .
组织表达	Ubiquitous.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!



使用建议

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

Products Images