



YTHDC2 Mouse mAb

货号	YP-mAb-18298
同位型	IgG
应用	WB
种属	Human;Mouse;Rat
靶点	YTHDC2
基因名称	YTHDC2
免疫原	Synthesized peptide derived from human YTHDC2
特异性	This antibody detects endogenous levels of YTHDC2 at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Monoclonal, Mouse,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	157kD
功能	3'-5' RNA helicase that plays a key role in the male and female germline by promoting transition from mitotic to meiotic divisions in stem cells . Specifically recognizes and binds N6-methyladenosine (m6A)-containing RNAs, a modification present at internal sites of mRNAs and some non-coding RNAs that plays a role in the efficiency of RNA processing and stability . Essential for ensuring a successful progression of the meiotic program in the germline by regulating the level of m6A-containing RNAs (By similarity). Acts by binding and promoting degradation of m6A-containing mRNAs: the 3'-5' RNA helicase activity is required for this process and RNA degradation may be mediated by XRN1 exoribonuclease . Required for both spermatogenesis and oogenesis (By similarity).
细胞定位	Cytoplasm . Cytoplasm, perinuclear region .
组织表达	Expressed in testis (PubMed:29087293). Not detected in spermatogonia next to the tubule wall but is strongly expressed in spermatocytes, suggesting that it is up-regulated in germ cells upon entry into meiosis (PubMed:29087293).
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.



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