

YTHDC1 (YD15718) Rabbit mAb

货号: **AYD11687**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	85kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,HCT116,293F,RAW264.7,C6,Rat brain
细胞定位	Nucleus, Nucleus speckle
纯化	

抗原信息

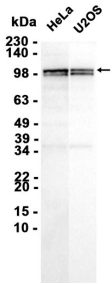
抗原信息	
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靶点信息

研究背景	Regulator of alternative splicing that specifically recognizes and binds N6-methyladenosine (m6A-containing RNAs. M6A is a modification present at internal sites of mRNAs and some non-coding RNAs and plays a role in the efficiency of mRNA splicing, processing and stability. Acts as a key regulator of exon-inclusion or exon-skipping during alternative splicing via interaction with mRNA splicing factors SRSF3 and SRSF10. Specifically binds m6A-containing mRNAs and promotes recruitment of SRSF3 to its mRNA-binding elements adjacent to m6A sites, leading to exon-inclusion during alternative splicing. In contrast, interaction with SRSF3 prevents interaction with SRSF10, a splicing factor that promotes exon skipping: this prevents SRSF10 from binding to its mRNA-binding sites close to m6A-containing regions, leading to inhibit exon skipping during alternative splicing.
基因ID	91746

基因名	YTHDC1
Swiss	Q96MU7
别名	YTHDC1 (YD15718)

产品验证



实验步骤

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