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YTHDF1 Antibody

货号: **ABY1032**

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500-1:1000, IF/ICC 1:100-1:500
理论分子量	61kDa
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,pH7.5.
偶联物	Unconjugated
阳性对照	K-562,Mouse testis,Rat thymus
细胞定位	Cytoplasm
纯化	亲和纯化

抗原信息

抗原信息	
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靶点信息

研究背景	Specifically recognizes and binds N6-methyladenosine (m6A-containing mRNAs, and regulates their stability. M6A is a modification present at internal sites of mRNAs and some non-coding RNAs and plays a role in mRNA stability and processing. Acts as a regulator of mRNA stability by promoting degradation of m6A-containing mRNAs via interaction with the CCR4-NOT complex. The YTHDF paralogs (YTHDF1, YTHDF2 and YTHDF3) shares m6A-containing mRNAs targets and act redundantly to mediate mRNA degradation and cellular differentiation. Required to facilitate learning and memory formation in the hippocampus by binding to m6A-containing neuronal mRNAs (By similarity. Acts as a regulator of axon guidance by binding to m6A-containing ROBO3 transcripts (By similarity. Acts as a negative regulator of antigen cross-presentation in myeloid dendritic cells (By similarity. In the context of tumorigenesis, negative regulation of antigen cross-presentation limits the anti-tumor response by reducing efficiency of tumor-antigen cross-presentation (By similarity.
基因ID	54915
基因名	YTHDF1
Swiss	Q9BYJ9
别名	C20orf21; DACA 1; DACA-1; Dermatomyositis associated with cancer putative autoantigen 1; YTH domain family 1; YTH domain family member 1; YTH domain family protein 1; YTHD1; YTHD1_HUMAN; Ythdf1;

产品验证

实验步骤

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