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ALKBH5 Antibody

货号: ABY1082

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1:500-1:2000, IHC 1:50-1:200
理论分子量	44kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.5.
偶联物	Unconjugated
阳性对照	293T,Mouse testis,Rat skeletal muscle
细胞定位	Nucleus speckle
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	Dioxygenase that demethylates RNA by oxidative demethylation: specifically demethylates N(6-methylad enosine (m6A RNA, the most prevalent internal modification of messenger RNA (mRNA in higher eukaryot es. Can also demethylate N(6-methyladenosine in single-stranded DNA (in vitro. Requires molecular oxyg en, alpha-ketoglutarate and iron. Demethylation of m6A mRNA affects mRNA processing and export. Req uired for the late meiotic and haploid phases of spermatogenesis by mediating m6A demethylation in spe rmatocytes and round spermatids: m6A demethylation of target transcripts is required for correct splicing and the production of longer 3'-UTR mRNAs in male germ cells (By similarity.
基因ID	54890
基因名	ALKBH5
Swiss	Q6P6C2 (https://www.uniprot.org/uniprotkb/Q6P6C2/entry)
别名	ABH5; AlkB, alkylation repair homolog 5 (E. coli); AlkB, alkylation repair homolog 5; Alkylated DNA repair protein alkB homolog 5; Alpha ketoglutarate dependent dioxygenase alkB homolog 5; OFOXD; OFOXD1; O xoglutarate and iron-dependent oxygenase domain containing; Probable alpha ketoglutarate dependent d ioxygenase ABH5; RNA demethylase ALKBH5;

产品验证

实验步骤

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