

— ABLYBIO, Help Your Research



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°C. 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-methyladenosine (m6A) RNA, the most prevalent internal modification of messenger RNA (mRNA) in higher eukaryotes. Can also demethylate N(6-methyladenosine in single-stranded DNA (in vitro. Requires molecular oxygen, alpha-ketoglutarate and iron. Demethylation of m6A mRNA affects mRNA processing and export. Required for the late meiotic and haploid phases of spermatogenesis by mediating m6A demethylation in spermatocytes 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
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; Oxoglutarate and iron-dependent oxygenase domain containing; Probable alpha ketoglutarate dependent dioxygenase ABH5; RNA demethylase ALKBH5;

产品验证

实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/>www.ablybio.cn)