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ALKBH8 Rabbit pAb

货号: **AYP11899**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Mus musculus IHC: Homo sapiens
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:100 - 1:200
理论分子量	25kDa/27kDa/75kDa
实测分子量	75kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,NCI-H460,U-87MG,HeLa,K-562
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

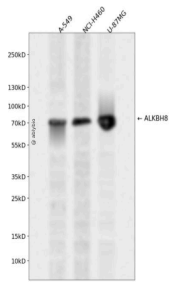
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human ALKBH8 (NP_620130.2).
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靶点信息

研究背景	Catalyzes the methylation of 5-carboxymethyl uridine to 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in tRNA via its methyltransferase domain. Catalyzes the last step in the formation of 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in target tRNA. Has a preference for tRNA(Arg and tRNA(Glu, and does not bind tRNA(Lys(PubMed:20308323. Binds tRNA and catalyzes the iron and alpha-ketoglutarate dependent hydroxylation of 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in tRNA via its dioxygenase domain, giving rise to 5-(S-methoxy carbonylhydroxymethyluridine; has a preference for tRNA(Gly. Required for normal survival after DNA damage. May inhibit apoptosis and promote cell survival and angiogenesis.
基因ID	91801
基因名	ALKBH8
Swiss	Q96BT7 (https://www.uniprot.org/uniprotkb/Q96BT7/entry)
别名	ALKBH8,ABH8,TRM9,TRMT9,ALKBH8 Rabbit pAb,Alkylated DNA repair protein alkB homolog 8,Alpha-ketoglutarate-dependent dioxygenase ALKBH8,S-adenosyl-L-methionine-dependent tRNA methyltransferase ALKBH8

产品验证



Western blot analysis of ALKBH8 expressed in A-549,NCI-H460,U-87MG using ALKBH8 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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