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ALKBH7 Rabbit pAb

货号: **AYP13697**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus
应用	WB
推荐浓度	WB: 1:200 - 1:2000
理论分子量	24kDa
实测分子量	26-30kDa
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	K-562,LO2,Mouse pancreas
细胞定位	Mitochondrion matrix
纯化	Affinity purification

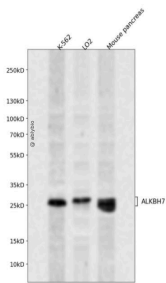
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-221 of human ALKBH7 (NP_115682.1).
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靶点信息

研究背景	May function as protein hydroxylase; can catalyze auto-hydroxylation at Leu-110 (in vitro, but this activity may be due to the absence of the true substrate. Required to induce programmed necrosis in response to DNA damage caused by cytotoxic alkylating agents. Acts by triggering the collapse of mitochondrial membrane potential and loss of mitochondrial function that leads to energy depletion and cell death. ALKBH7-mediated necrosis is probably required to prevent the accumulation of cells with DNA damage. Does not display DNA demethylase activity. Involved in fatty acid metabolism (By similarity).
基因ID	84266
基因名	ALKBH7
Swiss	Q9BT30 (https://www.uniprot.org/uniprotkb/Q9BT30/entry)
别名	ALKBH7,ABH7,SPATA11,UNQ6002,ALKBH7 Rabbit pAb,Alkylated DNA repair protein alkB homolog 7,Alpha-ketoglutarate-dependent dioxygenase alkB homolog 7,mitochondrial,Spermatogenesis cell proliferation-related protein,Spermatogenesis-associated protein 11

产品验证



Western blot analysis of ALKBH7 expressed in K-562,LO2,Mouse pancreas using ALKBH7 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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