

ALKBH7 Rabbit pAb

货号: **AYP13697**

产品信息

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| 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

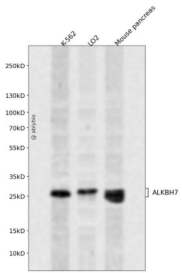
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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-221 of human ALKBH7 (NP_115682.1). |
| 序列 | MAGTGLLALRTLPGPSWVRGSGPSVLSRLQDAAVVRPGFLSTAEETLSRELEPELRRRRYDYDHWDAIHFRETEKSR WSEASRAILQRVQAAAFGPGQTLSSVHVLDLLEARGYIKPHVDSIKFCGATIAGLSLLSPVMRLVHTQEPGEWLELLEPG SLYILRGSARYDFSHEILRDEESFFGERRIPRGRRISVICRSLPEGMGPGESGQPPAC |

靶点信息

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| 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). |
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| 基因ID | 84266 |
| 基因名 | ALKBH7 |
| Swiss | Q9BT30 |
| 别名 | ALKBH7;ABH7;SPATA11;UNQ6002 |

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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