

ALAS1 Rabbit pAb

货号: **AYP16700**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	12kDa/70kDa
实测分子量	70kDa
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	SW480,THP-1,SW620,HepG2,Mouse liver
细胞定位	Mitochondrion matrix
纯化	Affinity purification

抗原信息

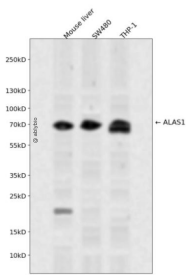
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human ALAS1 (NP_954635.1).
序列	MESVVRRCPFLSRVPQAFLLQKAGKSLFYAQNCPKMMMEVGAKPAPRALSTA AVHYQQIKETPPASEKDKTAKAKVQQTPD GSQQSPDGTQLPSGHPLPATSQGTASKCPFLAAQMNQRGSSVFCKASLELQEDVQEMNAVRKEVAETSAGPSVSVK T DGGDPSGLLKNFQDIMQQRPERVSHLLQDNLPKSVSTFYDRFFEKKIDEKKN DHTYRVFKTVNRRAHIFPMADDYSD SLITKKQVSVWCS

靶点信息

研究背景	This gene encodes the mitochondrial enzyme which catalyzes the rate-limiting step in heme (iron-protoporphyrin) biosynthesis. The enzyme encoded by this gene is the housekeeping enzyme; a separate gene encodes a form of the enzyme that is specific for erythroid tissue. The level of the mature encoded protein is regulated by heme: high levels of heme down-regulate the mature enzyme in mitochondria while low heme levels up-regulate. A pseudogene of this gene is located on chromosome 12. Alternative splicing results in multiple transcript variants encoding different isoforms.
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基因ID	211
基因名	ALAS1
Swiss	P13196
别名	ALAS1;ALAS;ALAS-H;ALAS3;ALASH;MIG4

产品验证



Western blot analysis of ALAS1 expressed in Mouse liver, SW480, THP-1 using ALAS1 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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