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EARS2 Rabbit pAb

货号: **AYP18709**

产品信息

反应	Mouse
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	58kDa/59kDa
实测分子量	59kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	Mouse kidney
细胞定位	Mitochondrion matrix
纯化	Affinity purification

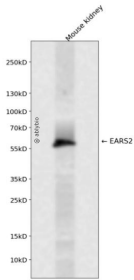
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 42-220 of human EARS2 (NP_001295140.1).
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靶点信息

研究背景	This gene encodes a member of the class I family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of glutamate to tRNA molecules. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency 12 (COXPD12). Alternative splicing results in multiple transcript variants.
基因ID	124454
基因名	EARS2
Swiss	Q5JPH6 (https://www.uniprot.org/uniprotkb/Q5JPH6/entry)
别名	EARS2,COXPD12,MSE1,gluRS,EARS2 Rabbit pAb,Glutamate--tRNA(Gln) ligase EARS2,mitochondrial,Glutamyl-tRNA synthetase,Mitochondrial glutamyl-tRNA synthetase,KIAA1970

产品验证



Western blot analysis of EARS2 expressed in Mouse kidney using EARS2 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

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