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MT-CYB Rabbit pAb

货号: **AYP12089**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:100
理论分子量	43kDa
实测分子量	43kDa
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 heart,rat heart
细胞定位	mitochondrial inner membrane,mitochondrial respiratory chain complex III,mitochondrion
纯化	Affinity purification

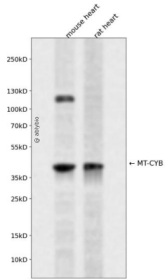
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human MT-CYB (YP_002124314.2).
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靶点信息

研究背景	Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex) that is part of the mitochondrial respiratory chain. The b-c1 complex mediates electron transfer from ubiquinol to cytochrome c. Contributes to the generation of a proton gradient across the mitochondrial membrane that is then used for ATP synthesis.
基因ID	4519
基因名	MT-CYB
Swiss	P00156 (https://www.uniprot.org/uniprotkb/P00156/entry)
别名	MTCYB,MT-CYB,MT-CYB Rabbit pAb,Complex III subunit 3,Complex III subunit III,Cytochrome b-c1 complex subunit 3,Ubiquinol-cytochrome-c reductase complex cytochrome b subunit,COB,CYTb

产品验证



Western blot analysis of MT-CYB expressed in mouse heart, rat heart using MT-CYB 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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