— ABLYBIO, Help Your Research

RISP (YD20145) Rabbit mAb

货号: AYD11468

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P ICC/IF IP
推荐浓度	
理论分子量	30kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293F,MCF7,Mouse heart,Mouse brain,Rat skeletal muscle
细胞定位	Mitochondrion inner membrane
纯化	亲和纯化

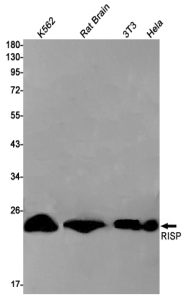
抗原信息

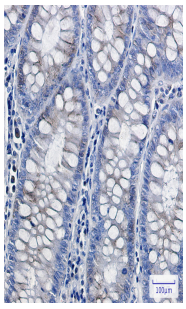
抗原信息	

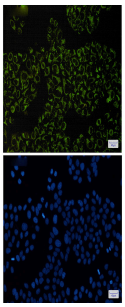
靶点信息

研究背景	[Cytochrome b-c1 complex subunit Rieske, mitochondrial]: Component of the ubiquinol-cytochrome c oxidoreductase, a multisubunit transmembrane complex that is part of the mitochondrial electron transport chain which drives oxidative phosphorylation. The respiratory chain contains 3 multisubunit complexes succinate dehydrogenase (complex II, CII, ubiquinol-cytochrome c oxidoreductase (cytochrome b-c1 complex, complex III, CIII and cytochrome c oxidase (complex IV, CIV, that cooperate to transfer electrons derived from NADH and succinate to molecular oxygen, creating an electrochemical gradient over the inner membrane that drives transmembrane transport and the ATP synthase. The cytochrome b-c1 complex catalyzes electron transfer from ubiquinol to cytochrome c, linking this redox reaction to translocation of protons across the mitochondrial inner membrane, with protons being carried across the membrane as hydrogens on the quinol. In the process called Q cycle, 2 protons are consumed from the matrix, 4 protons are released into the intermembrane space and 2 electrons are passed to cytochrome c. The Rieske protein is a catalytic core subunit containing a [2Fe-2S] iron-sulfur cluster. It cycles between 2 conformational states during catalysis to transfer electrons from the quinol bound in the Q(0 site in cytochrome b to cytochrome c1 (By similarity. Incorporation of UQCRFS1 is the penultimate step in complex III assembly.
基因ID	7386
基因名	UQCRFS1
Swiss	P47985 (https://www.uniprot.org/uniprotkb/P47985/entry)
别名	RISP (YD20145),RISP (YD20145) Rabbit mAb,UQCRFS1,Complex III subunit 5,Cytochrome b-c1 complex subunit 5,Rieske iron-sulfur protein,Rieske protein UQCRFS1,Ubiquinol-cytochrome c reductase iron-sulfur subunit,8 kDa subunit 9,Complex III subunit IX

产品验证







实验步骤

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