

Anti-GRX2 兔多克隆抗体

K1345273 -20°C



产品信息

蛋白质全称	线粒体谷氧还蛋白 2
别名	GLRX2, Glutaredoxin 2, Glutaredoxin 2, mitochondrial, GRX2
免疫原	KLH 偶联的小鼠 GLRX2 合成肽
Uniprot ID	Q923X4
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	17 kDa / 18 kDa

应用

WB 免疫印迹

物种: 小鼠, 大鼠

稀释比: 1: 300-1: 600

阳性样品: 睾丸

背景

Glutathione-dependent oxidoreductase that facilitates the maintenance of mitochondrial redox homeostasis upon induction of apoptosis by oxidative stress. Involved in response to hydrogen peroxide and regulation of apoptosis caused by oxidative stress. Acts as a very efficient catalyst of monothiol reactions because of its high affinity for protein glutathione-mixed disulfides. Can receive electrons not only from glutathione (GSH), but also from thioredoxin reductase supporting both monothiol and dithiol reactions. Efficiently catalyzes both glutathionylation and deglutathionylation of mitochondrial complex I, which in turn regulates the superoxide production by the complex. Overexpression decreases the susceptibility to apoptosis and prevents loss of cardiolipin and cytochrome c release.

储存条件

储存条件: 自收到之日起 -20°C下储存一年, 避免反复冻融。
储存缓冲液: 含 0.15% ProClin300 防腐剂, 100 μg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

图像



WB 检测 GRX2 蛋白(货号 K1345273).
 样品: 经 RIPA 裂解液(货号 KSG2002)处理的蛋白质.
 封闭: 3%脱脂牛奶(货号 KSGC310001)溶于 TBST 溶液, 室温孵育 1 小时.
 一抗: 1: 300 稀释, 4°C 孵育过夜.
 二抗: HRP 标记山羊抗兔 IgG (H+L) (货号 KB69909), 1: 5000 稀释, 室温孵育 1 小时.

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Ver. No.: V1-202603