

Anti-PTPMT1 兔多克隆抗体

K1344922 -20°C



产品信息

蛋白质全称	磷脂酰甘油磷酸酶与蛋白酪氨酸磷酸酶 1
别名	DUSP23, MOSP, PLIP, PNAS 129, PTEN like phosphatase
免疫原	KLH 偶联的小鼠 PTPMT1 合成肽
Uniprot ID	Q66GT5
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	22 kDa / 25 kDa

应用

WB 免疫印迹

物种: 小鼠, 大鼠

稀释比: 1: 500-1: 1000

阳性样品: 心

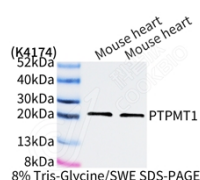
背景

Lipid phosphatase which dephosphorylates phosphatidylglycerophosphate (PGP) to phosphatidylglycerol (PG). PGP is an essential intermediate in the biosynthetic pathway of cardiolipin, a mitochondrial-specific phospholipid regulating the membrane integrity and activities of the organelle. Has also been shown to display phosphatase activity toward phosphoprotein substrates, specifically mediates dephosphorylation of mitochondrial proteins, thereby playing an essential role in ATP production. Has probably a preference for proteins phosphorylated on Ser and/or Thr residues compared to proteins phosphorylated on Tyr residues. Probably involved in regulation of insulin secretion in pancreatic beta cells. May prevent intrinsic apoptosis, probably by regulating mitochondrial membrane integrity.

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 PTPMT1 蛋白(货号 K1344922).
 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: 1000 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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