

Anti-Calsequestrin 1 兔多克隆抗体

K1345162 -20°C



产品信息

蛋白质全称	肌钙集蛋白 1
别名	Calmitin, Calsequestrin 1, CASQ, CASQ1, PDIB1
免疫原	KLH 偶联的小鼠 Calsequestrin 合成肽
Uniprot ID	O09165
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	46 kDa / 55 kDa

应用

WB 免疫印迹

物种：小鼠
 稀释比：1: 500-1: 1000
 阳性样品：肺

背景

Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. Calcium ions are bound by clusters of acidic residues at the protein surface, often at the interface between subunits. Can bind around 80 Ca(2+) ions (By similarity). Regulates the release of lumenal Ca(2+) via the calcium release channel RYR1; this plays an important role in triggering muscle contraction. Negatively regulates store-operated Ca(2+) entry (SOCE) activity (By similarity).

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 Calsequestrin 1 蛋白(货号 K1345162).
 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: 500 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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