

Anti-LONP1/Lon 兔多克隆抗体

K1334440 -20°C



产品信息

蛋白质全称	线粒体 Lon 蛋白酶同源物
别名	Lon protease-like protein, LONP, Mitochondrial ATP-dependent protease Lon, Serine protease 15, Lonp1, Prss15
免疫原	小鼠 LONP1 重组蛋白
Uniprot ID	Q8CGK3
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	106 kDa / 106 kDa

应用

WB 免疫印迹

物种: 人, 小鼠, 大鼠

稀释比: 1: 500-1: 1000

阳性样品: 心

背景

LONP1(Lon protease homolog, mitochondrial) is also named as LONP, LONHS, HLON, LON, PRSS15, PIM1, MGC1498 and belongs to the peptidase S16 family. It seems to play a major role in the elimination of oxidatively modified proteins in the mitochondrial matrix. LONP1, also a nuclearly encoded and mitochondrially located stress-responsive protease, is involved in heme-mediated ALAS-1 turnover. It recognizes specific surface determinants or folds, initiates proteolysis at solvent-accessible sites, and generates unfolded polypeptides that are then progressively degraded.

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 LONP1/Lon 蛋白(货号 K1334440).
 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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Ver. No.: V1-202603