

# Anti-SOD2/MnSOD 兔多克隆抗体

**K1335625** -20°C


## 产品信息

蛋白质全称	线粒体锰超氧化物歧化酶
别名	Sod-2, IPO B, Mn SOD, MNSOD, SOD2, SODM, MVCD6, Manganese SOD, Indophenoxidase B
免疫原	KLH 偶联的小鼠 SOD2 合成肽
Uniprot ID	P09671
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	25 kDa / 25 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: 肝

## 背景

SOD2 (superoxide dismutase 2, mitochondrial) is also named as IPOB, MNSOD, SODM, Mn-SOD and belongs to the iron/manganese superoxide dismutase family. It is a marker of mitochondria, which is restricted to the perinuclear area in a cell with aggregate formation of mutant SOD1. It functions as the first line of antioxidant defense against highly reactive superoxide radicals and it appears to be early predictors for survival in septic patients with MIF. It has 2 isoforms with the molecular weight of 25 kDa and 21 kDa.

## 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 SOD2/MnSOD 蛋白(货号 K1335625).  
 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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