

# Recombinant Anti-Peroxiredoxin 2/PRP antibody (小鼠单克隆抗体)

K5453762 -20°C



## 产品信息

蛋白质全称	过氧化物还原酶 2
别名	Thiol-specific antioxidant protein, TSA, Thioredoxin peroxidase 1, Prdx2, Tdpx1, TpxThioredoxin-dependent peroxide reductase 1, Thioredoxin-dependent peroxidase 2, Thioredoxin peroxidase 1, Tpx, Peroxiredoxin 2
免疫原	KLH 偶联的小鼠 Peroxiredoxin 2 合成肽
Uniprot ID	Q61171
抗体亚型	IgG1, κ
克隆号	SB234
纯化方式	亲和纯化
预测分子量 / 观测分子量	22 kDa / 22 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：脑

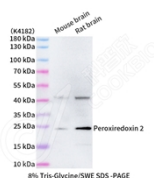
## 背景

PRDX2, also named as TSA, PRP, NKEFB and TDPX1, belongs to the ahpC/TSA family. It is known to act as an antioxidant enzyme whose main function is H<sub>2</sub>O<sub>2</sub> reduction in cells. PRDX2 is involved in redox regulation of the cell. It reduces peroxides with reducing equivalents provided through the thioredoxin system. It may play an important role in eliminating peroxides generated during metabolism. PRDX2 might participate in the signaling cascades of growth factors and tumor necrosis factor-α by regulating the intracellular concentrations of H<sub>2</sub>O<sub>2</sub>. PRDX2 actions may be related to the expression of NFκB and IKK.

## 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 Peroxiredoxin 2/PRP 蛋白(货号 K5453762).  
 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 标记山羊抗小鼠 IgG (H+L) (货号 KB69903), 1: 5000 稀释, 室温孵育 1 小时.

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