

# Anti-GCLM 兔多克隆抗体

K1335481 -20°C



## 产品信息

蛋白质全称	谷氨酸-半胱氨酸连接酶调节亚基
别名	GCS light chain, Gamma-ECS regulatory subunit, Gamma-glutamylcysteine synthetase regulatory subunit, Gclm, Glclr
免疫原	小鼠 GCLM 重组蛋白
Uniprot ID	O09172
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	31 kDa / 31 kDa

## 应用

### WB 免疫印迹

物种: 人, 小鼠, 大鼠

稀释比: 1: 1000-1: 2000

阳性样品: 肝

## 背景

GCLM(Glutamate--cysteine ligase regulatory subunit) is also named as GLCLR and belongs to the aldo/keto reductase family. It catalyzes the first step of GSH synthesis and is involved in gamma-glutamyl cycle. GCLM is implicated in some forms of hemolytic anemia. Gamma-glutamylcysteine synthetase (gamma-GCS) is the rate limiting enzyme for glutathione (L-gamma-glutamyl-L-cysteinyglycine, GSH) synthesis. GSH is ubiquitous in mammalian cells as a vital intra- and extracellular protective antioxidant.

## 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 GCLM 蛋白(货号 K1335481).  
 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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