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# GCLC Rabbit pAb

货号: **AYP11393**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  | <b>WB:</b> Mus musculus , Gallus gallus , Struthio camelus , Rattus norvegicus , Homo sapiens        |
| 应用    | WB IF/ICC  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:3000<br><b>IF/ICC:</b> 1:50 - 1:200   |
| 理论分子量 | 72kDa  |
| 实测分子量 | 72kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | HepG2,Mouse kidney,Mouse liver,Mouse lung,Rat kidney,Rat liver                                       |
| 细胞定位  | cytosol,glutamate-cysteine ligase complex,mitochondrion  |
| 纯化    | Affinity purification  |

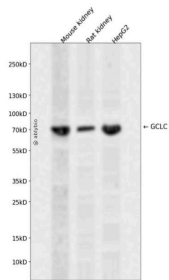
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-252 of human GCLC (NP_001489.1). |
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## 靶点信息

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|-------|--|
| 研究背景  | Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase is the first rate-limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. This locus encodes the catalytic subunit, while the regulatory subunit is derived from a different gene located on chromosome 1p22-p21. Mutations at this locus have been associated with hemolytic anemia due to deficiency of gamma-glutamylcysteine synthetase and susceptibility to myocardial infarction. |
| 基因ID  | 2729   |
| 基因名   | GCLC   |
| Swiss | P48506   |
| 别名    | GCLC,GCL,GCS,GLCL,GLCLC,GCLC Rabbit pAb,GCS heavy chain,Gamma-ECS,Gamma-glutamylcysteine synthetase  |

## 产品验证



Western blot analysis of GCLC expressed in Mouse kidney, Rat kidney, HepG2 using GCLC Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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