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# DNA Ligase I Rabbit mAb

货号: **AYM28808**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB IHC IF/ICC   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200          |
| 理论分子量 | 140kDa  |
| 实测分子量 | 140kDa  |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | Jurkat  |
| 细胞定位  | cytoplasm,mitochondrion,nucleoplasm,nucleus   |
| 纯化    | Affinity purification   |

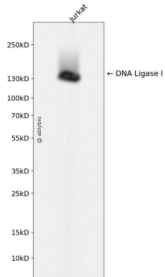
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human DNA Ligase I. |
|------|---|

## 靶点信息

|       |   |
|-------|---|
| 研究背景  | This gene encodes a member of the ATP-dependent DNA ligase protein family. The encoded protein functions in DNA replication, recombination, and the base excision repair process. Mutations in this gene that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents. Disruption of this gene may also be associated with a variety of cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014] |
| 基因ID  | 3978  |
| 基因名   | LIG1  |
| Swiss | P18858 ( <a href="https://www.uniprot.org/uniprotkb/P18858/entry">https://www.uniprot.org/uniprotkb/P18858/entry</a> )  |
| 别名    | DNA Ligase I, DNA Ligase I Rabbit mAb, LIG1, Polydeoxyribonucleotide synthase [ATP] 1   |

## 产品验证



Western blot analysis of DNA Ligase I expressed in Jurkat using DNA Ligase I Rabbit mAb 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

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)