

## DNA Ligase III (3Y5) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01150

### Product information

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| 产品货号                | HZ-YMA01150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 别名                  | LIG3;DNA ligase 3;DNA ligase III;Polydeoxyribonucleotide synthase [ATP] 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 产品名称                | DNA Ligase III (3Y5) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 类别                  | 抗体产品                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 基因名称                | LIG3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 推荐应用                | WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 反应种属                | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 存储缓冲液               | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Human Gene ID       | 3980                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Human Swissprot No. | P49916                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 稀释度                 | IHC-P 1:100-1:200, WB 1:2000-1:10000, IF 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 参考分子量               | 102kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 预测分子量               | 113kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 运输及保存条件             | Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 宿主                  | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 同种型                 | IgG,Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 背景介绍                | This gene is a member of the DNA ligase family. Each member of this family encodes a protein that catalyzes the joining of DNA ends but they each have a distinct role in DNA metabolism. The protein encoded by this gene is involved in excision repair and is located in both the mitochondria and nucleus, with translation initiation from the upstream start codon allowing for transport to the mitochondria and translation initiation from a downstream start codon allowing for transport to the nucleus. Additionally, alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008], |
| 细胞定位                | [Isoform 1]: Mitochondrion . Contains an N-terminal mitochondrial transit peptide . .; [Isoform 2]: Mitochondrion . Contains an N-terminal mitochondrial transit peptide. .; [Isoform 3]: Nucleus . Lacks the N-terminal mitochondrial transit peptide . .; [Isoform 4]: Nucleus . Lacks the N-terminal mitochondrial transit peptide. .                                                                                                                                                                                                                                                                                                                           |
| Clonality           | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |