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# DNA Ligase III/LIG3 Rabbit pAb

货号: **AYP19302**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	95kDa/102kDa/106kDa/112kDa
实测分子量	105KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Mouse testis,Rat testis
细胞定位	Mitochondrion,Mitochondrion,Nucleus
纯化	Affinity purification

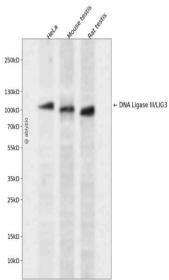
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 254-460 of human DNA Ligase III/LIG3 (NP_039269.2).
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## 靶点信息

研究背景	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.
基因ID	3980
基因名	LIG3
Swiss	P49916 ( <a href="https://www.uniprot.org/uniprotkb/P49916/entry">https://www.uniprot.org/uniprotkb/P49916/entry</a> )
别名	LIG3,LIG2,DNA Ligase III/LIG3 Rabbit pAb,DNA ligase III,Polydeoxyribonucleotide synthase [ATP] 3

## 产品验证



Western blot analysis of DNA Ligase III/LIG3 expressed in HeLa, Mouse testis, Rat testis using DNA Ligase III/LIG3 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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