

**DNA Ligase I Polyclonal Antibody**  
**Catalog # AP69547****Specification**

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**DNA Ligase I Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P              |
| Primary Accession | <a href="#">P18858</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**DNA Ligase I Polyclonal Antibody - Additional Information****Gene ID** 3978**Other Names**

LIG1; DNA ligase 1; DNA ligase I; Polydeoxyribonucleotide synthase [ATP] 1

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**DNA Ligase I Polyclonal Antibody - Protein Information****Name** LIG1**Function**

DNA ligase that seals nicks in double-stranded during DNA repair (PubMed:&lt;a href="http://www.uniprot.org/citations/30395541" target="\_blank"&gt;30395541&lt;/a&gt;). Also involved in DNA replication and DNA recombination.

**Cellular Location**

Nucleus.

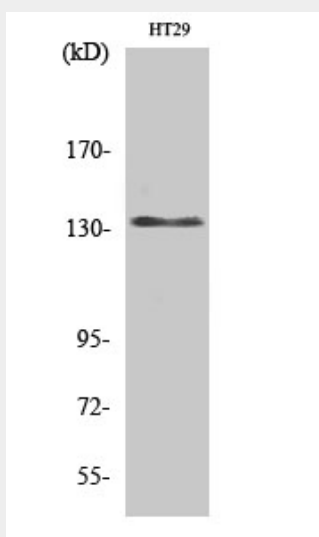
**DNA Ligase I Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

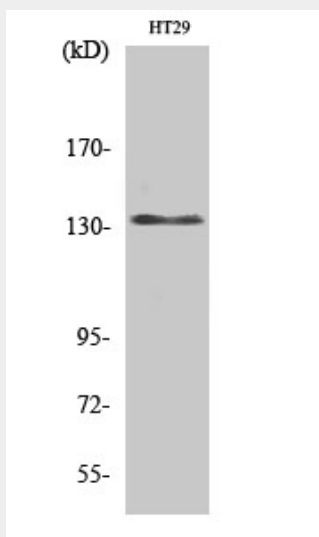
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### DNA Ligase I Polyclonal Antibody - Images



Western Blot analysis of various cells using DNA Ligase I Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western Blot analysis of various cells using DNA Ligase I Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

### DNA Ligase I Polyclonal Antibody - Background

DNA ligase that seals nicks in double-stranded DNA during DNA replication, DNA recombination and DNA repair.