

Anti-DNA Ligase I Rabbit Monoclonal Antibody
Catalog # ABO15296**Specification****Anti-DNA Ligase I Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	P18858
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-DNA Ligase I Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Rat.

Anti-DNA Ligase I Rabbit Monoclonal Antibody - Additional Information

Gene ID 3978

Other Names

DNA ligase 1, 6.5.1.1 {ECO:0000255|PROSITE-ProRule:PRU10135}, DNA ligase I, Polydeoxyribonucleotide synthase [ATP] 1, LIG1

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human DNA Ligase I

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-DNA Ligase I Rabbit Monoclonal Antibody - Protein Information

Name LIG1

Function

DNA ligase that seals nicks in double-stranded during DNA repair (PubMed:30395541). Also involved in DNA replication and DNA recombination.

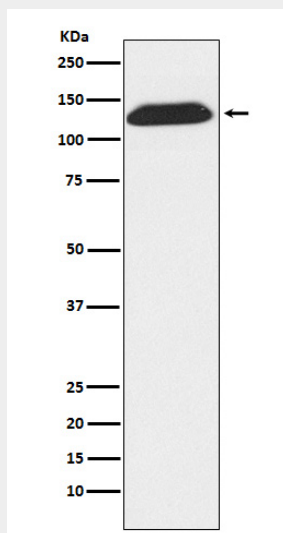
Cellular Location

Nucleus.

Anti-DNA Ligase I Rabbit Monoclonal 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](#)

Anti-DNA Ligase I Rabbit Monoclonal Antibody - Images

Western blot analysis of DNA Ligase I expression in Molt4 cell lysate.