

Anti-DNA Ligase I Rabbit Monoclonal Antibody

Catalog # ABO15296

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.

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
Calculated MW	101736
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
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.
Clone Names	Clone: 18L72
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.

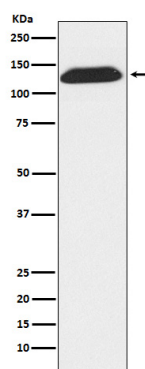
Protein Information

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.