

LIG1 Rabbit pAb

db21718

Package : 20µL 50µL 100µL

Product Name : LIG1 Rabbit pAb**Cat.No.:** db21718**Synonyms** : DNA ligase 1**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Rat**Host species** : Rabbit**Background**

This gene encodes a member of the ATP-dependent DNA ligase protein family. The encoded protein functions in DNA replication, recombination, and the base excision repair process. Mutations in this gene that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents. Disruption of this gene may also be associated with a variety of cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Immunogen

A synthetic peptide of human LIG1

Gene ID

3978

Swiss Prot

P18858

Synonyms

DNA ligase 1

Reactivity

Human, Rat

Application

WB, IHC, ICC/IF

Recommended dilution

WB: 1:1000

IHC: 1:20

ICC/IF: 1:50

Calculated MW

102 kDa

Observed MW

102 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.