

PACO34258

Product Information

Size:

50ug

Reactivity:

Escherichia coli

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000

Protein Background:

DNA ligase that catalyzes the formation of phosphodiester linkages between 5'-phosphoryl and 3'-hydroxyl groups in double-stranded DNA using NAD as a coenzyme and as the energy source for the reaction. It is essential for DNA replication and repair of damaged DNA.

Gene ID:

ligA

Uniprot

P15042

Synonyms:

DNA ligase (EC 6.5.1.2) (Polydeoxyribonucleotide synthase [NAD(+)]), ligA, dnaL lig lop pdeC

Immunogen:

Recombinant Escherichia coli DNA ligase protein (1-671AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot. All lanes: DNA ligase antibody at 2 μ g/ml + DH5a whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 74 kDa. Observed band size: 74 kDa.