

DNA Ligase III Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02652

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from DNA Ligase III . at AA range: 110-190

Mol wt 102691

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name DNA Ligase III Antibody

Synonyms LIG3; DNA ligase 3; DNA ligase III; Polydeoxyribonucleotide synthase [ATP] 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

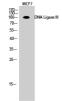
LIG3 is a member of the DNA ligase family. Each member of this family encodes a protein that catalyzes the joining of DNA ends but they each have a distinct role in DNA metabolism. DNA ligase 3 encoded by LIG3 is involved in excision repair and is located in both the mitochondria and nucleus, with translation initiation from the upstream start codon allowing for transport to the mitochondria and translation initiation from a downstream start codon allowing for transport to the nucleus. Additionally, alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Recommended Dilution

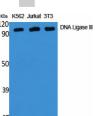
WB: 1: 500 - 1: 2000 ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of MCF7 cells using DNA Ligase III Polyclonal Antibody diluted at 1:1000 cells nucleus.



Western Blot analysis of various cells using DNA Ligase III Polyclonal Antibody diluted at 1:1000 cells nucleus.

Storage

-20°C for one year

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