

DNA LIGASE IV RABBIT PAB

Cat.#: N225920

Product Name: Anti-DNA Ligase IV Rabbit pAb

Synonyms: LIG4; DNA ligase 4; DNA ligase IV; Polydeoxyribonucleotide synthase [ATP] 4

UNIPROT ID: P49917

Background: Efficiently joins single-strand breaks in a double-stranded polydeoxynucleotide in an ATP-dependent reaction. Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination.

Immunogen: A synthesized peptide derived from human DNA Ligase IV

Applications: WB,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 104 kDa; Observed MW: 104 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human

Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of DNA Ligase IV in Ramos lysates using DNA Ligase IV antibody.