

Product Name: DNA Ligase IV Rabbit Monoclonal antibody
Catalog #: AMRe01916

Summary

Production Name	DNA Ligase IV Rabbit Monoclonal antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Immunogen

Gene Name	LIG4
Alternative Names	LIG4; DNA ligase 4; DNA ligase IV; Polydeoxyribonucleotide synthase [ATP] 4
Gene ID	3981
SwissProt ID	P49917.

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 104 kDa; Observed MW: 104 kDa

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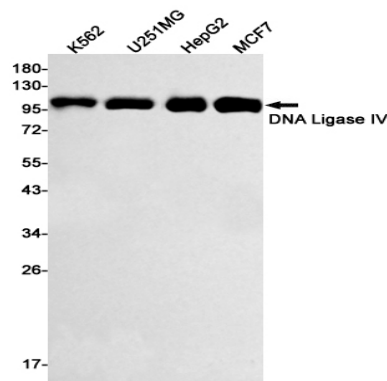
Background

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.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of DNA Ligase IV in K562, U251MG, HepG2, MCF-7 lysates using DNA Ligase IV antibody.

Note

For research use only.