
Product Name: DNA Ligase IV Rabbit Monoclonal Antibody**Catalog #: AMRe85511**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

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

Antigen Information

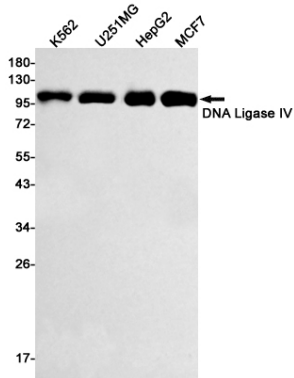
Gene Name	DNA Ligase IV
Alternative Names	LIG4; DNA ligase 4; DNA ligase IV; Polydeoxyribonucleotide synthase [ATP] 4
Gene ID	3981.0
SwissProt ID	P49917
Immunogen	Recombinant protein of human DNA Ligase IV

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

Image Data



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