

DNA ligase IV antibody [N2C2], Internal

Cat. No. GTX100100

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse

References (5)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 104 kDa. ([Note](#))

Product Note

The use of GTX100100 for mouse is based on IHC-P testing. For WB using mouse samples, we recommend GTX108820. KO/KD validation is based on published data (PMID: 32890395).

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.65 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human DNA ligase IV. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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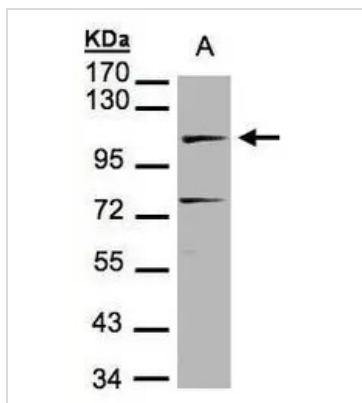
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Note

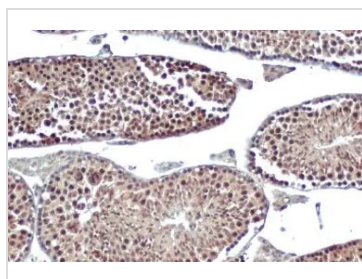
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTx100100 WB Image

Sample(30 µg of whole cell lysate)
A:MOLT4(GTX27912) 7.5% SDS PAGE
GTx100100 diluted at 1:1000



GTx100100 IHC-P Image

DNA ligase IV antibody [N2C2], Internal detects DNA ligase IV protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

DNA ligase IV stained by DNA ligase IV antibody [N2C2], Internal (GTx100100) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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