

Manufacturer/Supplier:

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Product name: Rabbit anti-DNA Ligase 4 Antibody

Catalog: DL90683A

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

Immunogen: KLH-conjugated synthetic peptide encompassing a
sequence within the center region of human DNA
Ligase 4. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity: Human, Bovine, Dog

Application: WB, IHC, IF/IC

Clonality: Polyclonal

Dilution: WB (1/500 - 1/1000),

IHC (1/100 - 1/200), IF/IC (1/100 - 1/500)

Entrez Gene: 3981

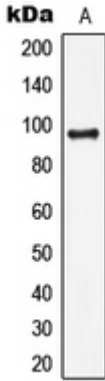
SwissProt: P49917

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of DNA Ligase 4 expression in HepG2 (A) whole cell lysates.

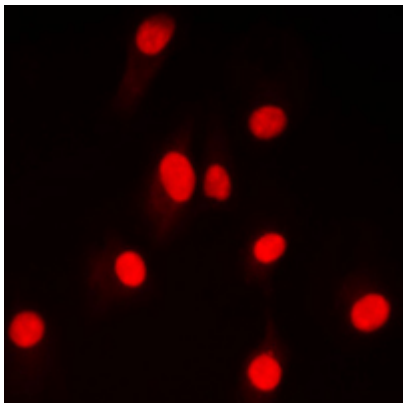


IHC description:

Immunohistochemical analysis of DNA Ligase 4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of DNA Ligase 4 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary a



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.