

DNA ligase 3 antibody

Catalog No: #22508

Package Size: #22508 100ul

Description

Product Name	DNA ligase 3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 765 and 999 of DNA ligase 3
Conjugates	Unconjugated
Target Name	DNA ligase 3
Accession No.	Swiss-Prot:P49916Gene ID:3980
Concentration	0.3mg/ml
Formulation	Supplied in 1XPBS, 1%BSA, 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

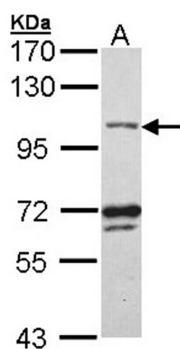
Predicted MW: 113kd

Western blotting: 1:500-1:3000

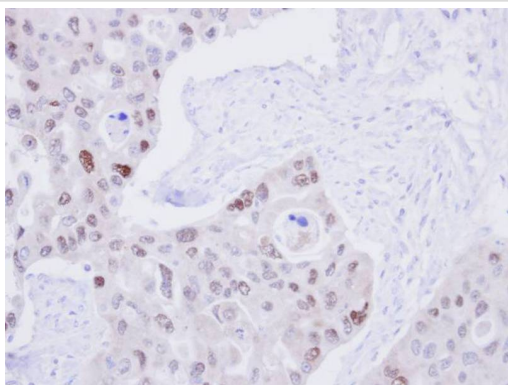
Immunohistochemistry: 1:100-1:500

Immunofluorescence: 1:100-1:200

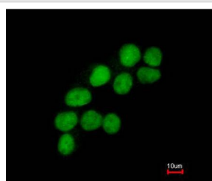
Images



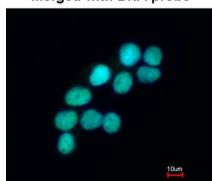
Sample (30 ug of whole cell lysate)
A: Molt-4
7.5% SDS PAGE
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded H441 Xenograft, using DNA ligase 3 antibody at 1: 100 dilution.



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed A431, using DNA ligase 3 antibody at 1: 200 dilution.

Background

This gene is a member of the DNA ligase family. Each member of this family encodes a protein that catalyzes the joining of DNA ends but they each have a distinct role in DNA metabolism. The protein encoded by this gene is involved in excision repair and is located in both the mitochondria and nucleus, with translation initiation from the upstream start codon allowing for transport to the mitochondria and translation initiation from a downstream start codon allowing for transport to the nucleus. Additionally, alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.