

Rabbit anti-Human DNA ligase 3 Polyclonal Antibody | anti-LIG3 antibody

DNA ligase 3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302630	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DNA ligase 3; Polyclonal Antibody; DNA ligase 3 antibody; anti-LIG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 1XPBS, 1%BSA, 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	1009
Applicable Applications for anti-LIG3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
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
Target Name	DNA ligase 3
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



Application Data

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

ADDITIONAL INFORMATION

Related Product Information for anti-LIG3 antibody	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]
Product Categories/Family for anti-LIG3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73747829
NCBI GeneID	3980
NCBI Accession #	NP_039269
NCBI GenBank Nucleotide #	NM_013975.3
Molecular Weight	95,802 Da
NCBI Official Full Name	DNA ligase 3 isoform alpha
NCBI Official Synonym Full Names	ligase III, DNA, ATP-dependent
NCBI Official Symbol	LIG3
NCBI Official Synonym Symbols	LIG2
NCBI Protein Information	DNA ligase 3
UniProt Protein Name	DNA ligase 3
UniProt Gene Name	LIG3
UniProt Entry Name	DNLI3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dna-ligase-3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302630>