

Rabbit DNA Ligase3 Polyclonal Antibody | anti-DNLI3 antibody

DNA Ligase3 Polyclonal Antibody

CATALOG # AAA174258	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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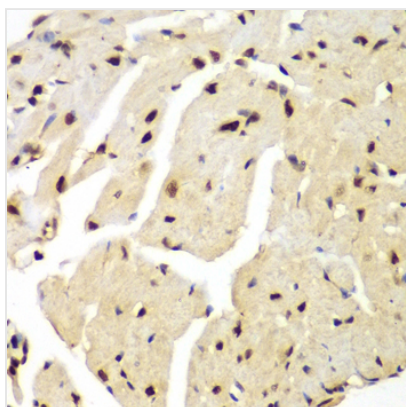
PRODUCT SYNONYMS

DNA Ligase3; Polyclonal Antibody; DNA Ligase3 Polyclonal Antibody; D11Wsu78e; DNA ligase; DNA ligase 3; DNA ligase III; LIG 3; LIG2; LIG3; Ligase II; DNA; ATP dependent; Ligase III DNA ATP dependent; MGC78176; OTTMUSP00000000875; Polydeoxyribonucleotide synthase [ATP] 3; Polydeoxyribonucleotide synthase [ATP]; Polydeoxyribonucleotide synthase; RP23-316C11.6; anti-DNLI3 antibody

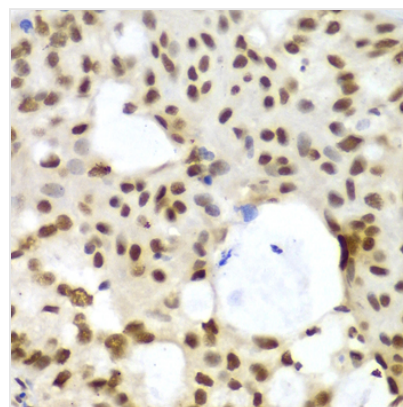
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	949
Applicable Applications for anti-DNLI3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human LIG3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

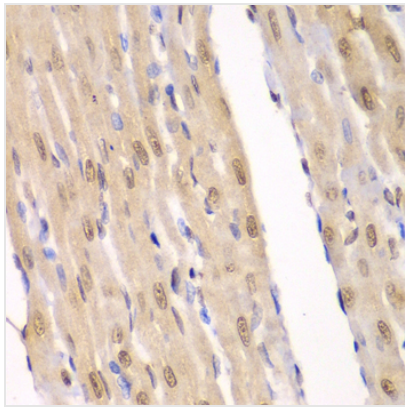
IMAGES



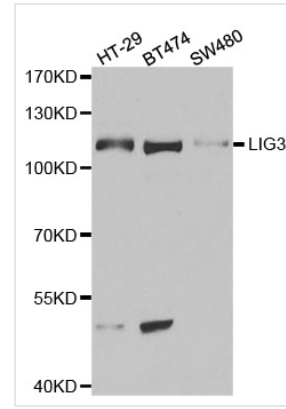
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse heart using LIG3 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human oophoroma using LIG3 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat heart using LIG3 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using LIG3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DNLI3 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.
Product Categories/Family for anti-DNLI3 antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	73747844
NCBI GeneID	3980
NCBI Accession #	NP_002302.2
NCBI GenBank Nucleotide #	NM_002311.4
UniProt Accession #	P49916; Q16714; Q6NVK3; E5KLB5; E5KLB6
Molecular Weight	Calculated: 95kDa; 102kDa; 106kDa; 112kDa Observed: 112kDa
NCBI Official Full Name	DNA ligase 3 isoform beta
NCBI Official Synonym Full Names	DNA ligase 3
NCBI Official Symbol	LIG3
NCBI Official Synonym Symbols	LIG2; LIG3alpha
NCBI Protein Information	DNA ligase 3
UniProt Protein Name	DNA ligase 3
UniProt Gene Name	LIG3

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://www.aaabiotech.com/polyclonal/dna-ligase3-antibody-immunohistochemistry-western-blot-elisa/174258>