

Rabbit anti-Human DNA ligase 1 Polyclonal Antibody | anti-DNA ligase 1 antibody

Rabbit anti-human DNA ligase 1 polyclonal Antibody

CATALOG # AAA230258	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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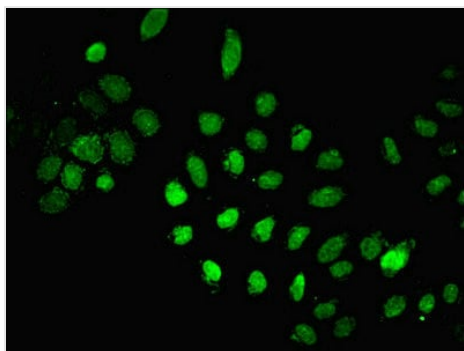
PRODUCT SYNONYMS

DNA ligase 1; Polyclonal Antibody; Rabbit anti-human DNA ligase 1 polyclonal Antibody; DNA ligase I; Polydeoxyribonucleotide synthase [ATP] 1; LIG1; anti-DNA ligase 1 antibody

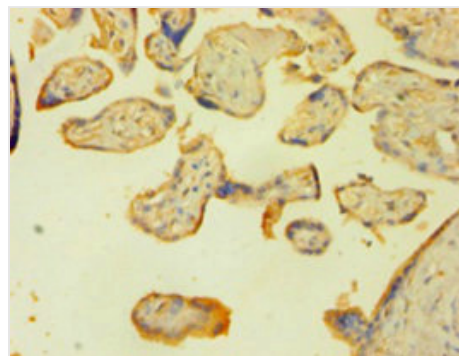
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	919
Applicable Applications for anti-DNA ligase 1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human DNA ligase 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20222 / sc-20224 / sc-366180
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA230258 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA230258 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-DNA ligase 1 antibody	DNA ligase that seals nicks in double-stranded DNA during DNA replication, DNA recombination and DNA repair. LIG1 encodes DNA ligase I, with functions in DNA replication and the base excision repair process. Mutations in LIG1 that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents.
Product Categories/Family for anti-DNA ligase 1 antibody	Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557719
NCBI GeneID	3978
NCBI Accession #	NP_000225.1
NCBI GenBank Nucleotide #	NM_000234.2
UniProt Accession #	P18858; Q2TB12; Q32P23; B2RAI8; B4DTU4
Molecular Weight	98,228 Da
NCBI Official Full Name	DNA ligase 1 isoform 1
NCBI Official Synonym Full Names	ligase I, DNA, ATP-dependent
NCBI Official Symbol	LIG1
NCBI Protein Information	DNA ligase 1
UniProt Protein Name	DNA ligase 1
UniProt Gene Name	LIG1
UniProt Entry Name	DNLI1_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://www.aaabiotech.com/polyclonal/dna-ligase-1-antibody-immunohistochemistry-elisa/230258>