

Rabbit LIG1 Polyclonal Antibody | anti-LIG1 antibody

LIG1 Polyclonal Antibody

CATALOG # AAA170699	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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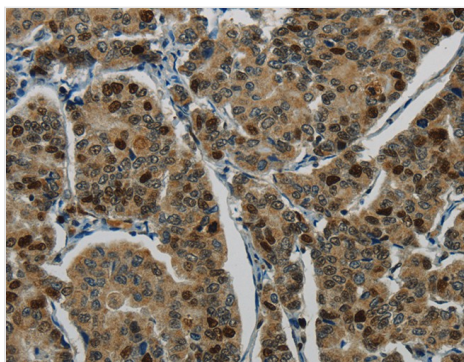
PRODUCT SYNONYMS

LIG1; Polyclonal Antibody; LIG1 Polyclonal Antibody; anti-LIG1 antibody

PRODUCT SPECIFICATIONS

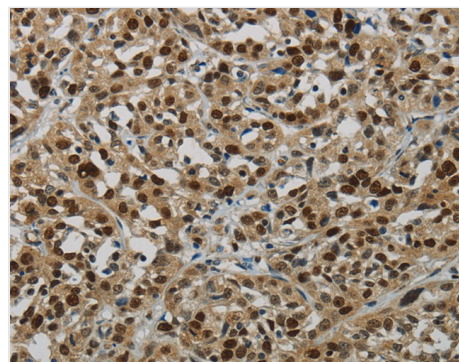
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	3.1mg/mL (varies by lot)
Sequence Length	801
Applicable Applications for anti-LIG1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human LIG1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using LIG1 Polyclonal Antibody at dilution 1:70



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using LIG1 Polyclonal Antibody at dilution 1:70

ADDITIONAL INFORMATION

Related Product Information for anti-LIG1 antibody	This gene encodes a member of the ATP-dependent DNA ligase protein family. The encoded protein functions in DNA replication, recombination, and the base excision repair process. Mutations in this gene that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents. Disruption of this gene may also be associated with a variety of cancers. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83405065
NCBI GeneID	3978
Molecular Weight	98,228 Da
NCBI Official Full Name	LIG1 protein
NCBI Official Synonym Full Names	ligase I, DNA, ATP-dependent
NCBI Official Symbol	LIG1
NCBI Protein Information	DNA ligase 1; polydeoxyribonucleotide synthase [ATP] 1
UniProt Protein Name	DNA ligase 1
UniProt Gene Name	LIG1
UniProt Entry Name	DNL11_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/lig1-antibody-immunohistochemistry-elisa/170699>