

Rabbit anti-Human, Mouse LIG1 Polyclonal Antibody | anti-LIG1 antibody

LIG1 Polyclonal Antibody

CATALOG # AAA37102	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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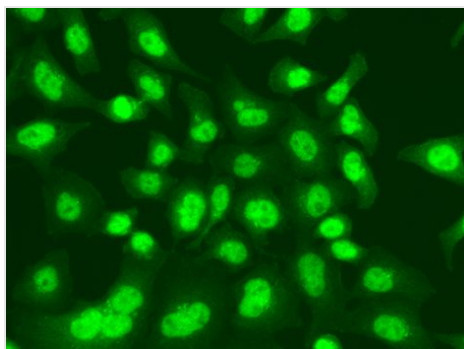
PRODUCT SYNONYMS

LIG1; Polyclonal Antibody; LIG1 Polyclonal Antibody; MGC117397; MGC130025; anti-LIG1 antibody

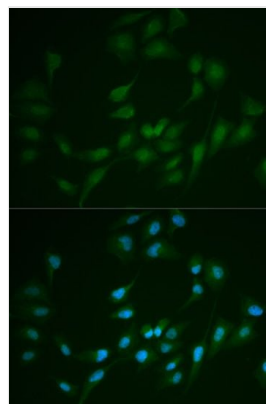
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	919
Applicable Applications for anti-LIG1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human LIG1
Calculated Molecular Weight	102kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

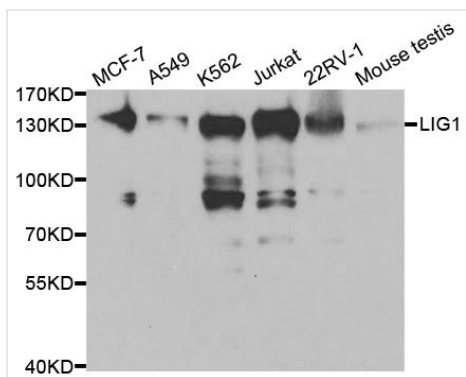
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using LIG1 antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using LIG1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LIG1 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-LIG1 antibody	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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-LIG1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	118773
NCBI GeneID	3978
UniProt Accession #	P18858; Q2TB12; Q32P23; B2RAI8; B4DTU4
Molecular Weight	919
NCBI Official Full Name	DNA ligase 1
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	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://stage.aaabiotech.com/polyclonal/lig1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37102>