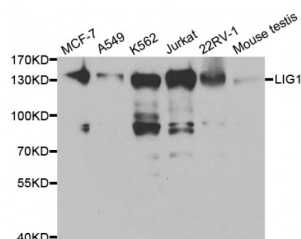


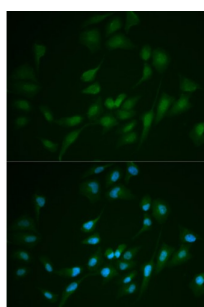
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DNA Ligase 1 (LIG1) Antibody

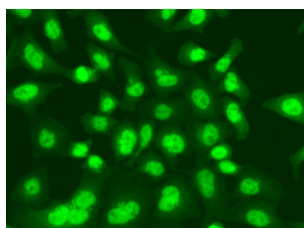
Catalogue No.: abx001534



Western blot analysis of extracts of various cell lines, using LIG1 antibody (abx001534) at 1/500 dilution.



Immunofluorescence analysis of MCF-7 cells using LIG1 antibody (abx001534). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A549 cells using LIG1 antibody (abx001534).

LIG1 Antibody is a Rabbit Polyclonal antibody against LIG1. 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].

Target:	LIG1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

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Immunogen:	Recombinant protein of human LIG1.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 88 kDa/98 kDa/101 kDa Observed MW: 140 kDa
Swiss Prot:	<u>P18858</u>
GeneID:	<u>3978</u>
Gene Symbol:	LIG1
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.