

Rabbit DNA Ligase III Polyclonal Antibody | anti-LIG3 antibody

DNA Ligase III Polyclonal Antibody

CATALOG # AAA294682	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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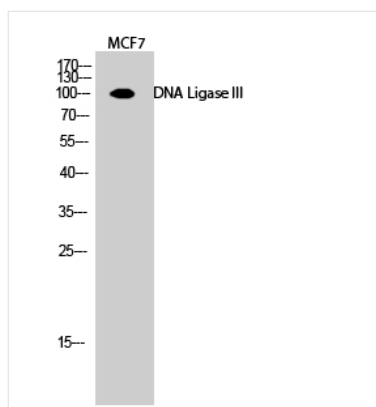
PRODUCT SYNONYMS

DNA Ligase III; Polyclonal Antibody; DNA Ligase III Polyclonal Antibody; LIG3; DNA ligase 3; DNA ligase III; Polydeoxyribonucleotide synthase [ATP] 3; anti-LIG3 antibody

PRODUCT SPECIFICATIONS

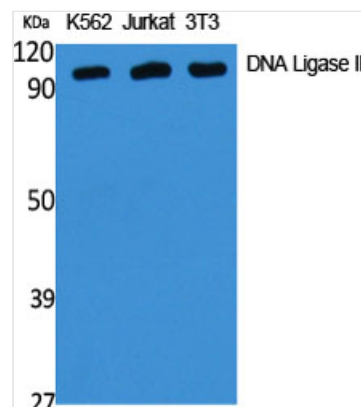
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-LIG3 antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-LIG3 antibody

Isoform 3 functions as heterodimer with DNA-repair protein XRCC1 in the nucleus and can correct defective DNA strand- break repair and sister chromatid exchange following treatment with ionizing radiation and alkylating agents. Isoform 1 is targeted to mitochondria, where it functions as DNA ligase in mitochondrial base-excision DNA repair (PubMed:24674627).

NCBI AND UNIPROT INFORMATION

NCBI GI #	251757259
NCBI GeneID	3980

UniProt Accession #	P49916; Q16714; Q6NVK3
Molecular Weight	1009
NCBI Official Full Name	DNA ligase 3
NCBI Official Synonym Full Names	ligase III, DNA, ATP-dependent
NCBI Official Symbol	LIG3
NCBI Official Synonym Symbols	LIG2
NCBI Protein Information	DNA ligase 3; ligase II, DNA, ATP-dependent; polydeoxyribonucleotide synthase [ATP] 3
UniProt Protein Name	DNA ligase 3
UniProt Gene Name	LIG3
UniProt Entry Name	DNLI3_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-iii-antibody-western-blot-elisa/294682>