

## Anti-LIG4 antibody (612-911) (STJ11100023)

STJ11100023

### GENERAL INFORMATION

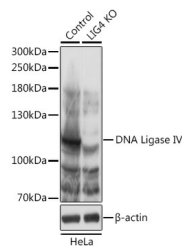
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-LIG4 (612-911) is suitable for use in Western Blot and Immunofluorescence.
<b>Applications</b>	WB, IF
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000 IF 1:10-1:100
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	3981
<b>Gene Symbol</b>	LIG4
<b>Uniprot ID</b>	DNLI4_HUMAN
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 612-911 of human DNA Ligase IV (NP_002303.2).
<b>Immunogen Region</b>	612-911
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



Western blot analysis of extracts from normal (control) and DNA Ligase IV knockout (KO) HeLa cells, using DNA Ligase IV antibody (STJ11100023) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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