

Anti-DNA Ligase IV antibody (612-911 aa) (STJ11106799)

STJ11106799

GENERAL INFORMATION

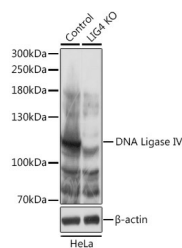
Product Type	Primary antibodies
Short Description	
Applications	WB/ELISA
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB: 1:500-1:2000
Range	ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	
Instruction	

TARGET INFORMATION

Gene ID	3981
Gene Symbol	LIG4
Uniprot ID	DNLI4_HUMAN
Immunogen	
Immunogen Region	612-911 aa
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 612-911 of human DNA Ligase IV (NP_002303.2).
Immunogen Sequence	SKHLYIGGDDEPQEKRKAA PKMKKVIGIIEHLKAPNLTN VNKISNIFEDVEFCVMSGTD SQPKPDLENRIAEFGGYIVQ NPGPDTYCVIAGENIRVKN ILSNKHVDVVKPAWLLECFK TKSFPWQPRFMIHMCPTK EHFAREYDCYGDSYFIDTDL NQLKEVFSGIKNSNEQTPEE MASLIADLEYRYSWDCSPLS MFRRHTVYLDYSYAVINDLST KNEGTRLAIKALELRFHGA



Western blot analysis of lysates from wild type (WT) and DNA Ligase IV knockout (KO) HeLa cells, using [KO Validated] DNA Ligase IV Rabbit pAb (STJ11106799) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJ5000859) at 1:10000 dilution.
Lysates/proteins: 25 µg 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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