Anti-LIG4 antibody (1-210) (STJ24407)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

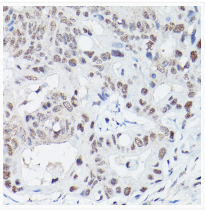
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 104kDa Observed Mw: 110kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

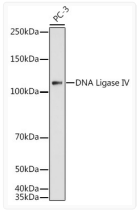
Gene ID	3981
Gene Symbol	LIG4
UniProt ID	DNLI4_HUMAN
Immunogen Region	1-210
Immunogen Sequence	MAASQTSQTVASHVPFADLC STLERIQKSKGRAEKIRHFR EFLDSWRKFHDALHKNHKDV TDSFYPAMRLILPQLERERM AYGIKETMLAKLYIELLNLP RDGKDALKLLNYRTPTGTHG DAGDFAMIAYFVLKPRCLQK GSLTIQQVNDLLDSIASNNS AKRKDLIKKSLLQLITQSSA LEQKWLIRMIIKDLKLGVSQ QTIFSVFHND
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human DNA Ligase IV (NP_002303.2).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of DNA Ligase IV in paraffin-embedded human colon carcinoma using DNA Ligase IV Rabbit polyclonal antibody (STJ24407) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from PC-3 cells, using DNA Ligase IV Rabbit polyclonal antibody (STJ24407) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.