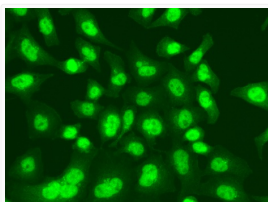
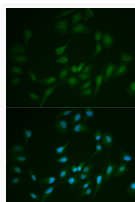


Anti-LIG1 antibody (565-790) (STJ24405)

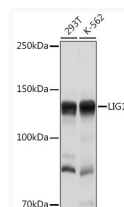
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 102kDa Observed Mw: 140kDa
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	3978
Gene Symbol	LIG1
UniProt ID	DNL11_HUMAN
Immunogen Region	565-790
Immunogen Sequence	CEYKYDGQRAQIHLEGGEV KIFSRNQEDNTGKYPDIISR IPKIKLPSVTSFILDTEAVA WDREKKQIQPFQVLTTTRKRK EVDASEIQVQVCLYAFDLIY LNGESLVREPLSRRRQLLRE NFVETEGEFVFATSLDTKDI EQIAEFLEQSVKDSCEGLMV KTLDVDATYEIAKRSHNWLK LKKDYLDGVGDTLDLVVIGA YLGRGKRAGRYGGFLLASYD EDSEEL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 565-790 of human LIG1 (NP_000225.1).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of A549 cells using LIG1 antibody (STJ24405).



Immunofluorescence analysis of MCF-7 cells using LIG1 antibody (STJ24405). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using LIG1 Rabbit polyclonal antibody (STJ24405) 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: 1s.