

DNA Ligase III/LIG3 Polyclonal Antibody

CAB1887

Description

This DNA Ligase III/LIG3 Polyclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB1887
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	LIG2, MTDPS20, LIG3alpha, DNA Ligase III/LIG3
Clone:	-
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

Gene ID:	3980
Uniprot:	AB_2763920
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	113 kDa
Calculated MW:	113 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

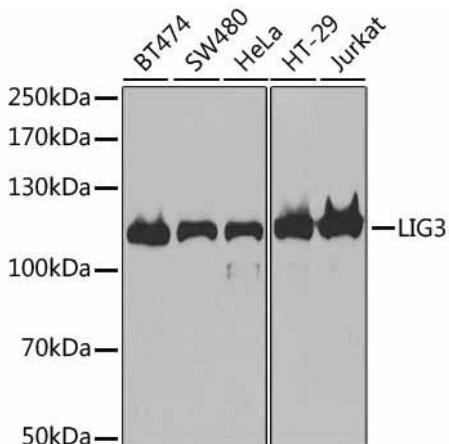
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: BT474, SW480, HeLa, HT-29, Jurkat

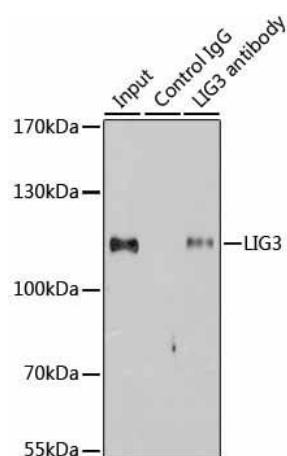
Recommended Dilutions:	WB	1:500 - 1:5000
	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using DNA Ligase III/ Rabbit pAb (CAB1887) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunoprecipitation analysis of 200 µg extracts of Jurkat cells using 1 µg DNA Ligase III/ antibody (CAB1887). Western blot was performed from the immunoprecipitate using DNA Ligase III/ antibody (CAB1887) at a dilution of 1:1000.