

Product datasheet for **TA336236**

DNA Ligase I (LIG1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-LIG1 Antibody: synthetic peptide directed towards the middle region of human LIG1. Synthetic peptide located within the following region: PSVTSFILDTEAVAWDREKKQIQPFQVLTRKRKEVDASEIQVQVCLYAF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	102 kDa
Gene Name:	DNA ligase 1
Database Link:	NP_000225 Entrez Gene 3978 Human P18858
Background:	LIG1 is DNA ligase I, with functions in DNA replication and the base excision repair process. Mutations in LIG1 that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents.
Synonyms:	MGC117397; MGC130025
Note:	Immunogen Sequence Homology: Human: 100%; Mouse: 100%; Rat: 100%; Bovine: 92%; Dog: 92%; Horse: 92%; Pig: 92%; Rabbit: 85%

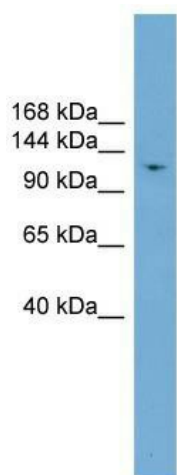


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Protein Families: Druggable Genome

Protein Pathways: Base excision repair, DNA replication, Mismatch repair, Nucleotide excision repair

Product images:



WB Suggested Anti-LIG1 Antibody Titration: 0.2-1 ug/ml; Positive Control: A549 cell lysate. LIG1 is supported by BioGPS gene expression data to be expressed in A549