

DNA pol λ Polyclonal Antibody
Catalog # AP69561**Specification****DNA pol λ Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q9UGP5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

DNA pol λ Polyclonal Antibody - Additional Information**Gene ID** 27343**Other Names**

POLL; DNA polymerase lambda; Pol Lambda; DNA polymerase beta-2; Pol beta2; DNA polymerase kappa

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

DNA pol λ Polyclonal Antibody - Protein Information**Name** POLL ([HGNC:9184](#))**Function**

DNA polymerase that functions in several pathways of DNA repair (PubMed:11457865, PubMed:19806195, PubMed:20693240, PubMed:30250067). Involved in base excision repair (BER) responsible for repair of lesions that give rise to abasic (AP) sites in DNA (PubMed:11457865, PubMed:19806195). Also contributes to DNA double-strand break repair by non-homologous end joining and homologous recombination (PubMed:19806195, PubMed:20693240, PubMed:30250067). Has both template-dependent and template-independent (terminal transferase) DNA polymerase activities (PubMed:<a

[10887191](http://www.uniprot.org/citations/10887191), PubMed:<[10982892](http://www.uniprot.org/citations/10982892)>, PubMed:<[12809503](http://www.uniprot.org/citations/12809503)>, PubMed:<[14627824](http://www.uniprot.org/citations/14627824)>, PubMed:<[15537631](http://www.uniprot.org/citations/15537631)>, PubMed:<[19806195](http://www.uniprot.org/citations/19806195)>). Also has a 5'-deoxyribose-5-phosphate lyase (dRP lyase) activity (PubMed:<[11457865](http://www.uniprot.org/citations/11457865)>, PubMed:<[19806195](http://www.uniprot.org/citations/19806195)>).

Cellular Location

Nucleus. Chromosome. Note=Accumulates at sites of DNA damage

Tissue Location

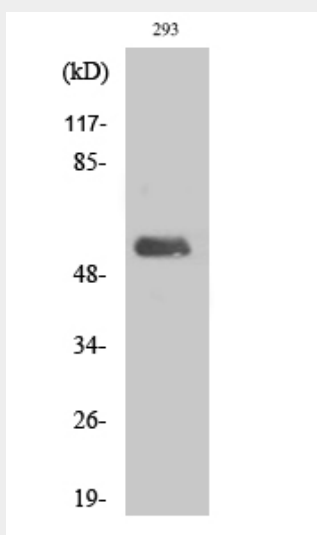
Expressed in a number of tissues. Abundant in testis.

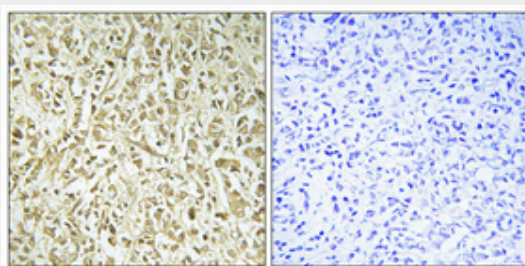
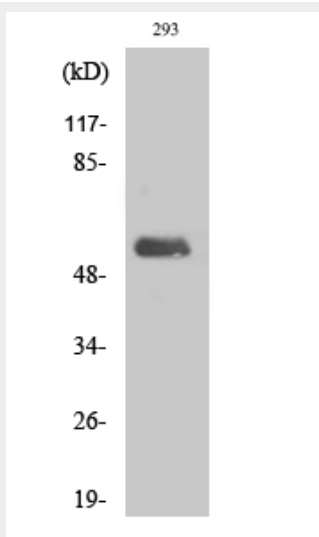
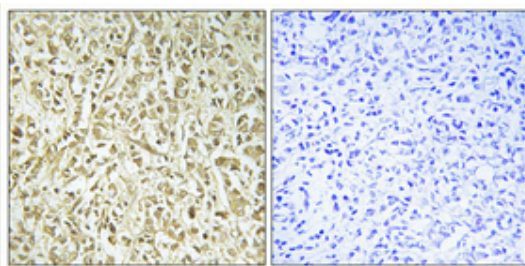
DNA pol λ Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNA pol λ Polyclonal Antibody - Images





DNA pol λ Polyclonal Antibody - Background

DNA polymerase that functions in several pathways of DNA repair (PubMed:11457865, PubMed:19806195, PubMed:20693240). Involved in base excision repair (BER) responsible for repair of lesions that give rise to abasic (AP) sites in DNA (PubMed:11457865, PubMed:19806195). Also contributes to DNA double-strand break repair by non-homologous end joining and homologous recombination (PubMed:19806195, PubMed:20693240). Has both template-dependent and template-independent (terminal transferase) DNA polymerase activities (PubMed:10982892, PubMed:10887191, PubMed:12809503, PubMed:14627824, PubMed:15537631, PubMed:19806195). Has also a 5'-deoxyribose-5- phosphate lyase (dRP lyase) activity (PubMed:11457865, PubMed:19806195).