

Rabbit DNA pol lambda Polyclonal Antibody | anti-POLL antibody

DNA pol lambda Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322510	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

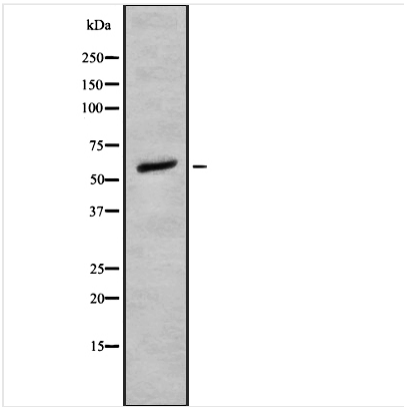
PRODUCT SYNONYMS

DNA pol lambda; Polyclonal Antibody; DNA pol lambda Antibody; BETA N; BETAN; DNA directed DNA polymerase lambda; DNA polymerase beta 2; DNA polymerase beta-2; DNA polymerase kappa; DNA polymerase kappa DNA polymerase beta N; DNA polymerase lambda; DNA polymerase lamda2; DPOLL_HUMAN; EC 2.7.7.7; EC 4.2.99.; FLJ46002; OTTHUMP00000020321; OTTHUMP00000020323; OTTHUMP00000059179; Pol beta2; POL KAPPA; Pol Lambda; POLKAPPA; POLL; Polymerase DNA directed lambda; anti-POLL antibody

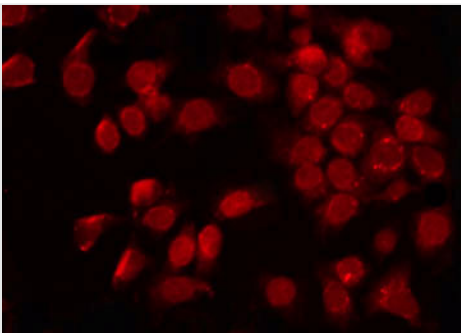
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DNA pol lambda antibody detects endogenous levels of total DNA pol lambda
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	575
Applicable Applications for anti-POLL antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DNA pol lambda
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in a number of tissues. Abundant in testis.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (92%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of DNA pol lambda using 293 whole cell lysates



IF (Immunofluorescence)
AAA322510 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-POLL antibody	Function: 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). Subunit Structure: Binds PCNA. Similarity: Belongs to the DNA polymerase type-X family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291463287
NCBI GeneID	27343
NCBI Accession #	NP_001167555.1
NCBI GenBank Nucleotide #	NM_001174084.1
UniProt Accession #	Q9UGP5; Q5JQP5; Q6NUM2; Q9BTN8; Q9HA10; Q9HB35; D3DR76
Molecular Weight	Observed: 63 kDa Predicted: 64 kDa
NCBI Official Full Name	DNA polymerase lambda isoform a
NCBI Official Synonym Full Names	DNA polymerase lambda
NCBI Official Symbol	POLL
NCBI Official Synonym Symbols	BETAN; POLKAPPA
NCBI Protein Information	DNA polymerase lambda
UniProt Protein Name	DNA polymerase lambda
UniProt Gene Name	POLL
UniProt Synonym Gene Names	Pol beta21 PublicationManual assertion based on opinion iniRef.3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dna-pol-lambda-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322510>