

**AP53380PU-N****Polyclonal Antibody to DNA polymerase lambda (C-term) - Purified**

<b>Alternate names:</b>	DNA polymerase beta-2, DNA polymerase kappa, POLL, Pol Lambda
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	This gene encodes a DNA polymerase. DNA polymerases catalyze DNA-template-directed extension of the 3'-end of a DNA strand. This particular polymerase, which is a member of the X family of DNA polymerases, likely plays a role in non-homologous end joining and other DNA repair processes.
<b>Uniprot ID:</b>	<a href="#">Q9UGP5</a>
<b>NCBI:</b>	<a href="#">NP_001167555</a>
<b>GeneID:</b>	<a href="#">27343</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 546~575 amino acids from the C-terminal region of human DNA polymerase lambda. <b>Genename:</b> POLL
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Affinity Chromatography on Protein A <b>Buffer System:</b> PBS containing 0.09% (W/V) Sodium Azide as preservative
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human DNA polymerase lambda (C-term).
<b>Add. Information:</b>	<b>Molecular Weight:</b> 63482 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Brown, J.A., et al. J. Mol. Biol. 395(2):282-290(2010). van Loon, B., et al. Proc. Natl. Acad. Sci. U.S.A. 106(43):18201-18206(2009). Garcia-Diaz, M., et al. Nat. Struct. Mol. Biol. 16(9):967-972(2009).

# Pictures:

Western blot analysis of POLL Antibody (C-term) Cat.-No AP53380PU-N in HepG2 cell line lysates (35ug/lane). POLL (arrow) was detected using the purified Pab.

