



Human POLL blocking peptide (CDBP2342)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-POLL/POLkappa antibody
Antigen Description	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. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	POLL polymerase (DNA directed), lambda [Homo sapiens]
Official Symbol	POLL
Synonyms	POLL; polymerase (DNA directed), lambda; DNA polymerase lambda; DNA polymerase kappa; DNA polymerase beta-2; DNA polymerase beta-N; BETAN; POLKAPPA; FLJ46002;
Entrez Gene ID	27343

mRNA Refseq	NM_001174084
Protein Refseq	NP_001167555
UniProt ID	Q9UGP5
Chromosome Location	10q23
Pathway	BER complex, organism-specific biosystem; BER complex, conserved biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Non-homologous end-joining, organism-specific biosystem; Non-homologous end-joining, conserved biosystem;
Function	DNA binding; DNA binding; DNA-directed DNA polymerase activity; DNA-directed DNA polymerase activity; catalytic activity; lyase activity; metal ion binding; nucleotidyltransferase activity; transferase activity;