



DNA pol δ cat rabbit pAb

Cat No.:ES6643

For research use only

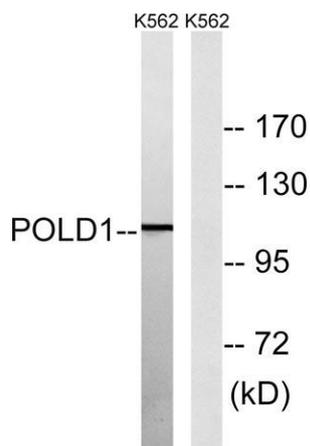
Overview

Product Name	DNA pol δ cat rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human POLD1. AA range:1051-1100
Specificity	DNA pol δ cat Polyclonal Antibody detects endogenous levels of DNA pol δ cat protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	DNA polymerase delta catalytic subunit
Gene Name	POLD1
Cellular localization	Nucleus . Colocalizes with PCNA and POLD3 at S phase replication sites (PubMed:11595739). After UV irradiation, recruited to DNA damage sites within 2 hours, independently on the cell cycle phase, nor on PCNA ubiquitination. This recruitment requires POLD
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	110 124kD
Human Gene ID	5424
Human Swiss-Prot Number	P28340
Alternative Names	POLD1; POLD; DNA polymerase delta catalytic subunit; DNA polymerase subunit delta p125
Background	This gene encodes the 125-kDa catalytic subunit of





DNA polymerase delta. DNA polymerase delta possesses both polymerase and 3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 6. [provided by RefSeq, Mar 2012],



Western blot analysis of lysates from K562 cells, using POLD1 Antibody. The lane on the right is blocked with the synthesized peptide.

