



# DNA pol $\zeta$ rabbit pAb

Cat No.:ES7038

For research use only

## Overview

<b>Product Name</b>	DNA pol $\zeta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DNA Polymerase zeta. AA range:231-280
<b>Specificity</b>	DNA pol $\zeta$ Polyclonal Antibody detects endogenous levels of DNA pol $\zeta$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	DNA polymerase zeta catalytic subunit
<b>Gene Name</b>	REV3L
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	5980
<b>Human Swiss-Prot Number</b>	O60673
<b>Alternative Names</b>	REV3L; POLZ; REV3; DNA polymerase zeta catalytic subunit; Protein reversionless 3-like; REV3-like; hREV3
<b>Background</b>	catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1).,domain:Its C-terminal part could serve as the catalytic domain during nucleotide polymerization, while its N-terminal part could provide sites for





protein-protein interactions with other factors during translesion DNA synthesis.,similarity:Belongs to the DNA polymerase type-B family.,subunit:Interacts with REV7.,tissue specificity:Ubiquitously expressed.,

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DNA Polymerase zeta Antibody. The picture on the right is blocked with the synthesized peptide.

