

DNA pol ζ rabbit pAb

Cat No.: ES7038

For research use only

Overview

Product Name DNA pol ζ rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA
Species Cross-Reactivity Human;Mouse

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human DNA Polymerase zeta.

AA range:231-280

Specificity DNA pol ζ Polyclonal Antibody detects endogenous

levels of DNA pol ζ 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 zeta catalytic subunit

Gene Name REV3L **Cellular localization** Nucleus .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 5980 **Human Swiss-Prot Number** 060673

Alternative Names REV3L; POLZ; REV3; DNA polymerase zeta catalytic

subunit; Protein reversionless 3-like; REV3-like;

hREV3

Background catalytic activity: Deoxynucleoside triphosphate +

DNA(n) = diphosphate + DNA(n+1).,domain:lts C-terminal part could serve as the catalytic domain

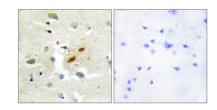
during nucleotide polymerization, while its N-terminal part could provide sites for





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.



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