



Anti-POLB (DNA polymerase beta) Polyclonal Antibody

Category: Polyclonal Antibody

Catalog #: AB1F064

Species Reactivity: Human, mouse, rat

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human POLB (DNA polymerase beta)

Description: POLB (DNA polymerase beta) is a repair polymerase. POLB conducts 'gap-filling' DNA synthesis in a stepwise distributive fashion rather than in a processive fashion as for other DNA polymerases. POLB has a 5'-deoxyribose-5-phosphate lyase (dRP lyase) activity. POLB binds 2 magnesium ions per subunit (By similarity). POLB belongs to the DNA polymerase type-X family.

Reference:

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El-Andaloussi,N., et al, Mol. Cell 22 (1), 51-62 (2006)
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