



Anti-POLB (DNA polymerase beta) Dimethylated Polyclonal Antibody

Category: Polyclonal Antibody

Catalog #: Dimethyl (me) arginineAB1F061 (Dimethylated site: 83 R)

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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Abbotts,J., et al, Biochemistry 27 (3), 901-909 (1988)
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El-Andaloussi,N., et al, Mol. Cell 22 (1), 51-62 (2006)
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