Datasheet for ABIN966878

anti-POLB antibody (2meArg152, N-Term)

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Overview

Quantity:	0.1 mg
Target:	POLB
Binding Specificity:	2meArg152, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLB antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

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

Target Details

Target:	POLB
Alternative Name:	POLB (POLB Products)
Background:	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.
Pathways:	DNA Damage Repair

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Application Details

Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:	Williams, Werner-Fraczek, Chang, Bailey-Serres: "Regulated phosphorylation of 40S ribosomal protein S6 in root tips of maize." in: **Plant physiology**, Vol. 132, Issue 4, pp. 2086-97, (2003) (PubMed). McBride, Nemer: "The C-terminal domain of c-fos is required for activation of an AP-1 site specific for jun-fos heterodimers." in: **Molecular and cellular biology**, Vol. 18, Issue 9, pp. 5073-81, (1998) (PubMed). There are more publications referencing this product on: Product page

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