

Datasheet for ABIN7150224
anti-POLB antibody (AA 1-300) (Biotin)



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Overview

Quantity:	100 µg
Target:	POLB
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLB antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human DNA polymerase beta protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	POLB
Alternative Name:	POLB (POLB Products)
Background:	Background: Repair polymerase that plays a key role in base-excision repair. Has 5\'-deoxyribose-5-phosphate lyase (dRP lyase) activity that removes the 5\' sugar phosphate and

Target Details

also acts as a DNA polymerase that adds one nucleotide to the 3' end of the arising single-nucleotide gap. Conducts 'gap-filling' DNA synthesis in a stepwise distributive fashion rather than in a processive fashion as for other DNA polymerases.

Aliases: DNA directed DNA polymerase beta antibody, DNA pol beta antibody, DNA polymerase beta antibody, DNA polymerase beta subunit antibody, DPOLB_HUMAN antibody, MGC125976 antibody, Pol B antibody, Pol beta antibody, POLB antibody, Polymerase (DNA directed) beta antibody

UniProt: [P06746](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.