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Datasheet for ABIN7150257
anti-POLK antibody (AA 227-337) (FITC)

Overview

Quantity:	100 µg
Target:	POLK
Binding Specificity:	AA 227-337
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLK antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human DNA polymerase kappa protein (227-337AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	POLK
Alternative Name:	POLK (POLK Products)
Background:	Background: DNA polymerase specifically involved in DNA repair. Plays an important role in translesion synthesis, where the normal high-fidelity DNA polymerases cannot proceed and

Target Details

DNA synthesis stalls. Depending on the context, it inserts the correct base, but causes frequent base transitions, transversions and frameshifts. Lacks 3'-5' proofreading exonuclease activity. Forms a Schiff base with 5'-deoxyribose phosphate at abasic sites, but does not have lyase activity.

Aliases: DinB homolog 1 (E. coli) antibody, DINB protein antibody, DINB1 antibody, DINP antibody, DNA damage inducible protein b antibody, DNA polymerase kappa antibody, Polk antibody, POLK_HUMAN antibody, POLQ antibody, Polymerase (DNA directed) kappa antibody, polymerase, DNA, kappa antibody

UniProt: [Q9UBT6](#)

Pathways: [DNA Damage Repair](#)

Application Details

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.