

Datasheet for ABIN5515975
anti-POLD1 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	POLD1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for Anti-POLD1 antibody is: synthetic peptide directed towards the N-terminal region of Human DPOD1
Sequence:	PGPGVPPKRA RGGLWDDDDA PRPSQFEEDL ALMEEMEAH RLQEQUEEEL
Characteristics:	This is a rabbit polyclonal antibody against DPOD1. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	POLD1
Alternative Name:	POLD1 (POLD1 Products)
Background:	This gene encodes the 125- kDa catalytic subunit of DNA polymerase delta. DNA polymerase

Target Details

delta possesses both polymerase and 3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 6.

Alias Symbols: CDC2, MDPL, POLD, CRCS10

Protein Size: 1107

Gene ID:	5424
NCBI Accession:	NP_002682
UniProt:	P28340
Pathways:	Telomere Maintenance , DNA Damage Repair , DNA Replication , Chromatin Binding , Synthesis of DNA

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.