

Datasheet for ABIN7465932
anti-POLD1 antibody (AA 1-140)



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Overview

Quantity:	100 µL
Target:	POLD1
Binding Specificity:	AA 1-140
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This POLD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encoding amino acids 1-140 of the large subunit of human DNA polymerase d.
Clone:	6196
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Protein G purified

Target Details

Target:	POLD1
Alternative Name:	DNA polymerase delta 1 (POLD1 Products)

Target Details

Background:	DNA polymerase delta 1, catalytic subunit , CDC2 , CRCS10 , MDPL , POLD,This gene encodes the 125- kDa catalytic subunit of DNA polymerase delta. DNA polymerase 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. [provided by RefSeq, Mar 2012]
Molecular Weight:	124 kDa
Gene ID:	5424
UniProt:	P28340
Pathways:	Telomere Maintenance , DNA Damage Repair , DNA Replication , Chromatin Binding , Synthesis of DNA

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.22 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.