



# Anti-POLD1 (catalytic domainn) polyclonal antibody (CABT-BL2946)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant protein fragment corresponding to a region within amino acids 685 and 1041 of Human DNA Polymerase delta, catalytic subunit.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Cellular Localization</b>	Nucleus.
<b>Format</b>	Liquid
<b>Buffer</b>	10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	Possesses two enzymatic activities: DNA synthesis (polymerase) and an exonucleolytic activity that degrades single stranded DNA in the 3- to 5-direction. Required with its accessory proteins
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(proliferating cell nuclear antigen (PCNA) and replication factor C (RFC) or activator 1) for leading strand synthesis. Also involved in completing Okazaki fragments initiated by the DNA polymerase alpha/primase complex.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">5424</a>
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Protein Refseq	<a href="#">NP_002682</a>
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UniProt ID	<a href="#">A0A024R4F4</a>
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