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Datasheet for ABIN7444814  
**anti-POLD1 antibody (AA 41-254)**

2 Images

### Overview

Quantity:	100 µL
Target:	POLD1
Binding Specificity:	AA 41-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Polyclonal Antibody to Polymerase DNA Directed Delta 1 (POLd)
Immunogen:	Recombinant Polymerase DNA Directed Delta 1 (POLd) corresponding to Met41~Phe254 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against POLd. It has been selected for its ability to recognize POLd in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	POLD1
Alternative Name:	Polymerase DNA Directed Delta 1 ( <a href="#">POLD1 Products</a> )
Background:	CDC2, POLD1, DNA polymerase subunit delta p125
Pathways:	<a href="#">Telomere Maintenance</a> , <a href="#">DNA Damage Repair</a> , <a href="#">DNA Replication</a> , <a href="#">Chromatin Binding</a> , <a href="#">Synthesis of DNA</a>

## Application Details

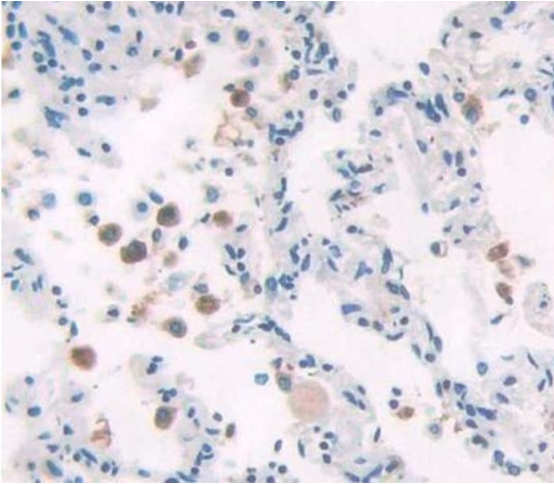
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:330-1300 Immunohistochemistry: 5-20 µg/mL 1:33-130 Immunocytochemistry: 5-20 µg/mL 1:33-130 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

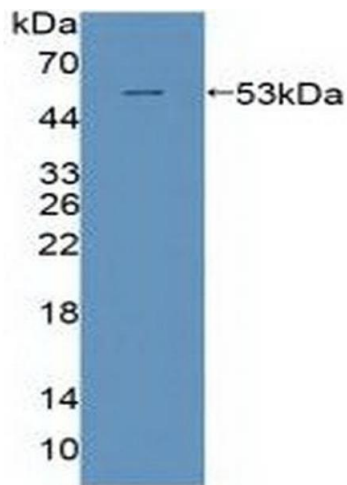
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



### Immunohistochemistry

**Image 1.** #VALUE!



### Western Blotting

**Image 2.** Detection of Recombinant POLd, Human using Polyclonal Antibody to Polymerase DNA Directed Delta 1 (POLd)