

Datasheet for ABIN7449792  
**anti-POLD1 antibody (AA 850-900)**



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## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 100 µg                                          |
| Target:              | POLD1                                           |
| Binding Specificity: | AA 850-900                                      |
| Reactivity:          | Human, Mouse                                    |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This POLD1 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP) |

## Product Details

|               |                                               |
|---------------|-----------------------------------------------|
| Purpose:      | Rabbit anti-PoId1 Antibody, Affinity Purified |
| Immunogen:    | Between AA 850 and 900                        |
| Isotype:      | IgG                                           |
| Purification: | Affinity Purified                             |

## Target Details

|                   |                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | POLD1                                                                                                                                                                             |
| Alternative Name: | PoId1 ( <a href="#">POLD1 Products</a> )                                                                                                                                          |
| Background:       | Background: DNA polymerase delta catalytic subunit (PoId1) is the 125- kDa catalytic subunit of DNA polymerase delta. DNA polymerase delta possesses both polymerase and 3' to 5' |

### Target Details

|                 |                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | exonuclease activity and plays a critical role in DNA replication and repair [taken from NCBI Entrez Gene (Gene ID: 5424)].                                                       |
| Gene ID:        | 5424                                                                                                                                                                              |
| NCBI Accession: | <a href="#">NP_002682</a>                                                                                                                                                         |
| UniProt:        | <a href="#">P28340</a>                                                                                                                                                            |
| 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

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Application Notes: | IP: 2 - 10 µg/mg lysate<br>WB: 1:1,000 - 1:5,000 |
| Restrictions:      | For Research Use only                            |

### Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 1000 µg/mL                                                                                                             |
| Buffer:            | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide                                                |
| 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:           | 4 °C                                                                                                                   |
| Expiry Date:       | 12 months                                                                                                              |