

## POLD1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**123kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human POLD1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

CDC2; MDPL; POLD; CRCS10;

**Catalog #:**A5323

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5424

**Isotype:**IgG

**Swiss Prot:**P28340

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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