

## POLD3

**Reactivity:** Human

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:** 51kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human POLD3

**Storage Buffer:**

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

**Synonym:**

P66; P68; PPP1R128;

**Catalog #:** A7243

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 10714

**Isotype:** IgG

**Swiss Prot:** Q15054

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes the 66-kDa 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. The encoded protein plays a role in regulating the activity of DNA polymerase delta through interactions with other subunits and the processivity cofactor proliferating cell nuclear antigen (PCNA). Alternatively spliced transcript variants have been observed for this gene.

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