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**Product Name: POLD3 Rabbit Monoclonal Antibody****Catalog #: AMRe87598**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,ICC/IF 1:100-1:200
<b>Molecular Weight</b>	Calculated MW:51 kDa; Observed MW:70 kDa

**Antigen Information**

<b>Gene Name</b>	POLD3
<b>Alternative Names</b>	P66; P68; PPP1R128
<b>Gene ID</b>	10714
<b>SwissProt ID</b>	Q15054
<b>Immunogen</b>	A synthetic peptide of human POLD3

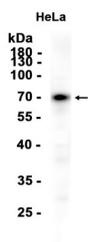
**Background**

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. [provided by RefSeq, Mar 2012]

## Research Area

## Image Data



Western blot analysis of extracts from HeLa cells using POLD3 Rabbit Monoclonal Antibody at 1:1000.