



# DPOD4 rabbit pAb

Cat No.:ES9592

For research use only

## Overview

<b>Product Name</b>	DPOD4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein AA range: 1-50
<b>Specificity</b>	DPOD4 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	DNA polymerase delta subunit 4 (DNA polymerase delta subunit p12)
<b>Gene Name</b>	POLD4 POLDS
<b>Cellular localization</b>	Nucleus . Partially recruited to DNA damage sites within 2 hours following UV irradiation, before degradation. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	11kD
<b>Human Gene ID</b>	57804
<b>Human Swiss-Prot Number</b>	Q9HCU8
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes the smallest 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 enhances the activity of DNA polymerase delta and plays a role in fork repair and





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stabilization through interactions with the DNA helicase Bloom syndrome protein. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012],



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