

Product datasheet for **AP53378PU-N**

POLD3 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 415-443 amino acids from the C-terminal region of human POLD3
Specificity:	This antibody recognizes Human and Mouse POLD3 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	polymerase (DNA) delta 3, accessory subunit
Database Link:	Entrez Gene 67967 Mouse Entrez Gene 10714 Human Q15054
Background:	The DNA polymerase delta complex is involved in DNA replication and repair, and it consists of the proliferating cell nuclear antigen (PCNA; MIM 176740), the multisubunit replication factor C (see MIM 102579), and the 4 subunit polymerase complex: POLD1 (MIM 174761), POLD2 (MIM 600815), POLD3, and POLD4 (MIM 611525) (Liu and Warbrick, 2006 [PubMed 16934752]). [supplied by OMIM].



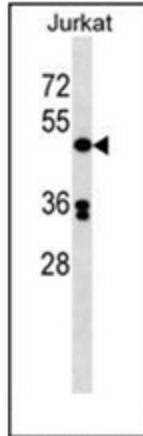
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Synonyms: DNA polymerase delta subunit 3, KIAA0039

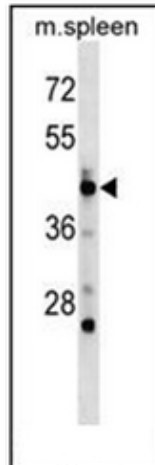
Note: **Molecular Weight:** 51400 Da

Protein Pathways: Base excision repair, DNA replication, Homologous recombination, Metabolic pathways, Mismatch repair, Nucleotide excision repair, Purine metabolism, Pyrimidine metabolism

Product images:



Western blot analysis of POLD3 Antibody (C-term) in Jurkat cell line lysates (35ug/lane). This demonstrates the POLD3 antibody detected the POLD3 protein (arrow).



Western blot analysis of POLD3 Antibody (C-term) in mouse spleen tissue lysates (35ug/lane). This demonstrates the POLD3 antibody detected the POLD3 protein (arrow).