

Product datasheet for TA360183

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POLD1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human

POLD1

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 124 kDa

Gene Name: polymerase (DNA) delta 1, catalytic subunit

Database Link: <u>NP 001243778.1</u>

Entrez Gene 5424 Human

P28340

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.

Synonyms: CDC2; POLD

Protein Families: Druggable Genome, Stem cell - Pluripotency

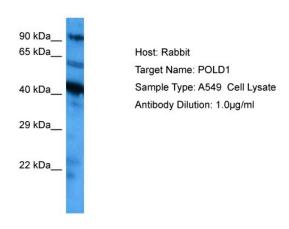




Protein Pathways:

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

Product images:



Host: Rabbit Target Name: POLD1

Sample Tissue: Human A549 Whole Cell

Antibody Dilution: 1.0ug/ml