

Product datasheet for **TA370642**

DNA polymerase delta p50 (POLD2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HepG2 cell lysate IHC: 50-300 Positive control: Human esophagus cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human POLD2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	51 kDa
Gene Name:	polymerase (DNA) delta 2, accessory subunit
Database Link:	Entrez Gene 5425 Human P49005



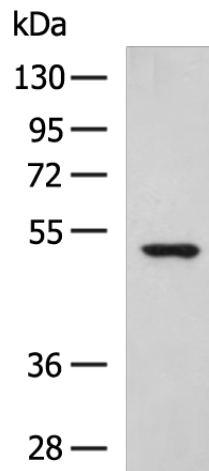
[View online »](#)

Background:

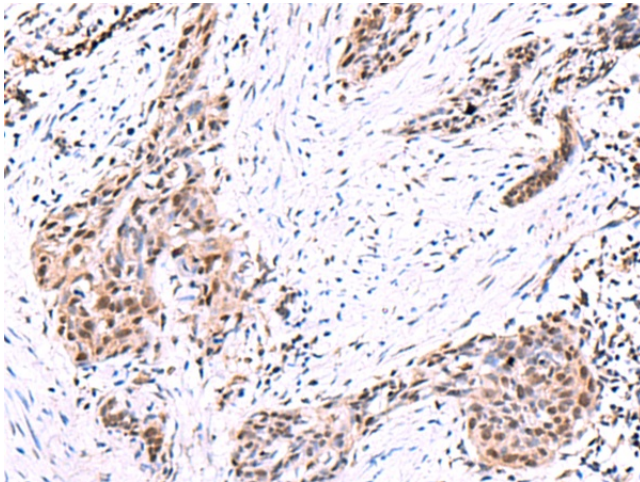
This gene encodes the 50-kDa catalytic subunit of DNA polymerase delta. DNA polymerase delta possesses both polymerase and 3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. The encoded protein is required for the stimulation of DNA polymerase delta activity by the processivity cofactor proliferating cell nuclear antigen (PCNA). Expression of this gene may be a marker for ovarian carcinomas. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5.

Synonyms:

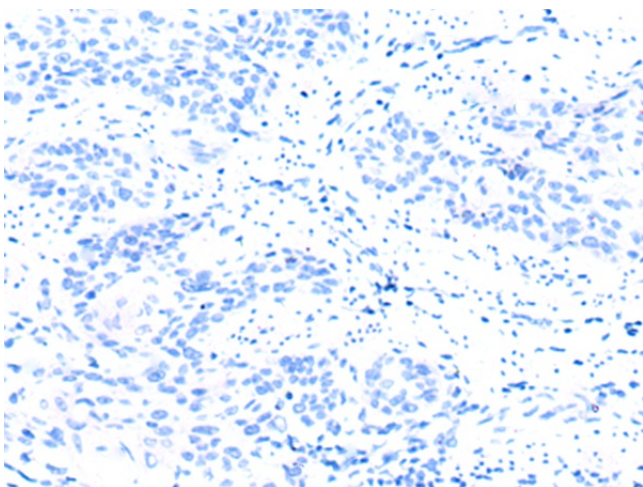
OTTHUMP00000209249

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: HepG2 cell lysate
Primary antibody: TA370642 (POLD2 Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA370642 (POLD2 Antibody) at dilution 1/95 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA370642 (POLD2 Antibody) at dilution 1/95, treated with fusion protein. (Original magnification: ×200)