

POLD2 Polyclonal Antibody

Catalog No. E-AB-52969

Note: Centrifuge before opening to ensure complete recovery of vial contents.

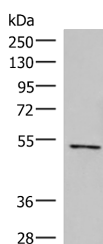
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human POLD2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

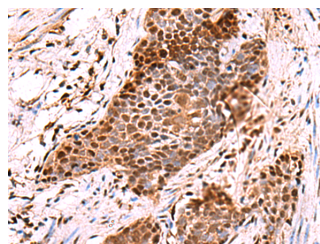
WB	1:1000-1:5000
IHC	1:50-1:300

Data



Western blot analysis of Jurkat cell lysate using POLD2 Polyclonal Antibody at dilution of 1:800

Observed Mw: Refer to figures
Calculated Mw: 51 kDa



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using POLD2 Polyclonal Antibody at dilution of 1:60 (×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

For Research Use Only