

POLD2 Polyclonal Antibody

catalog number: E-AB-52969

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

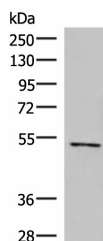
Description

| | |
|---------------------|--|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Fusion protein of human POLD2 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications Recommended Dilution

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

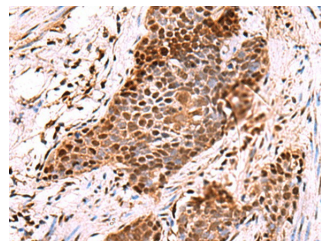
Data



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 (x200)

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

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.

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