

# POLE2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20396b

## Product Information

---

|                   |                                             |
|-------------------|---------------------------------------------|
| Application       | WB, E                                       |
| Primary Accession | <a href="#">P56282</a>                      |
| Other Accession   | <a href="#">Q5ZKQ6</a>                      |
| Reactivity        | Human                                       |
| Predicted         | Chicken, Mouse, Rat, Bovine, Canine, Rabbit |
| Host              | Rabbit                                      |
| Clonality         | Polyclonal                                  |
| Isotype           | Rabbit IgG                                  |
| Clone Names       | RB42913                                     |
| Calculated MW     | 59537                                       |
| Antigen Region    | 495-523                                     |

## Additional Information

---

|                    |                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 5427                                                                                                                                                                         |
| Other Names        | DNA polymerase epsilon subunit 2, DNA polymerase II subunit 2, DNA polymerase epsilon subunit B, POLE2, DPE2                                                                 |
| Target/Specificity | This POLE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 495-523 amino acids from the C-terminal region of human POLE2.       |
| Dilution           | WB~~1:1000 E~~Use at an assay dependent concentration.                                                                                                                       |
| Format             | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                      |
| Precautions        | POLE2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                    |

## Protein Information

---

|          |                                     |
|----------|-------------------------------------|
| Name     | POLE2 ( <a href="#">HGNC:9178</a> ) |
| Synonyms | DPE2                                |

|                          |                                                                                                                                                                               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Function</b>          | Accessory component of the DNA polymerase epsilon complex (PubMed: <a href="#">10801849</a> ). Participates in DNA repair and in chromosomal DNA replication (By similarity). |
| <b>Cellular Location</b> | Nucleus.                                                                                                                                                                      |

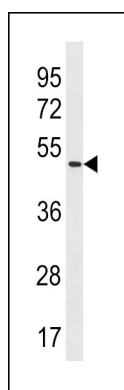
## Background

---

Participates in DNA repair and in chromosomal DNA replication.

## Images

---



POLE2 Antibody (C-term) (Cat. #AP20396b) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the POLE2 antibody detected the POLE2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.