

## Rabbit POLE4 Antibody | anti-POLE4 antibody

POLE4 Polyclonal Antibody

|                               |                       |                                     |
|-------------------------------|-----------------------|-------------------------------------|
| CATALOG #<br><b>AAA280664</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-------------------------------------|

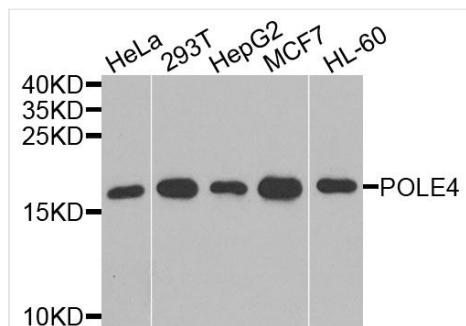
### PRODUCT SYNONYMS

POLE4; POLE4 Polyclonal Antibody; YHHQ1; p12; anti-POLE4 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                            |
| Isotype                                         | IgG                                                                                                               |
| Purity/Purification                             | Affinity purification                                                                                             |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                 |
| Applicable Applications for anti-POLE4 antibody | WB (Western Blot)                                                                                                 |
| Cross-Reactivity                                | Human                                                                                                             |
| Immunogen                                       | Recombinant fusion protein containing a sequence corresponding to amino acids 1-117 of human POLE4 (NP_063949.2). |
| Preparation and Storage                         | Store at -20°C. Avoid freeze / thaw cycles.                                                                       |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using POLE4 antibody (AAA280664) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-POLE4 antibody | Pole is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication and packaging. |
| Product Categories/Family for anti-POLE4 antibody   | <b>Polyclonal</b>                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 38455394                                      |
| NCBI GeneID                      | 56655                                         |
| NCBI Accession #                 | NP_063949.2                                   |
| NCBI GenBank Nucleotide #        | NM_019896.2                                   |
| UniProt Accession #              | Q9NR33; Q53TR2                                |
| Molecular Weight                 | Observed MW: 17kDa<br>Calculated MW: 12kDa    |
| NCBI Official Full Name          | DNA polymerase epsilon subunit 4              |
| NCBI Official Synonym Full Names | polymerase (DNA) epsilon 4, accessory subunit |
| NCBI Official Symbol             | POLE4                                         |
| NCBI Official Synonym Symbols    | p12; YHHQ1                                    |
| NCBI Protein Information         | DNA polymerase epsilon subunit 4              |
| UniProt Protein Name             | DNA polymerase epsilon subunit 4              |
| UniProt Gene Name                | <b>POLE4</b>                                  |
| UniProt Entry Name               | DPOE4_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rabbit-antibody/pole4/280664>