

## Rabbit anti-Human, Mouse PolE3/p17 Polyclonal Antibody | anti-PolE3/p17 antibody

Rabbit anti-PolE3/p17 IHC Antibody, Affinity Purified

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA213896</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

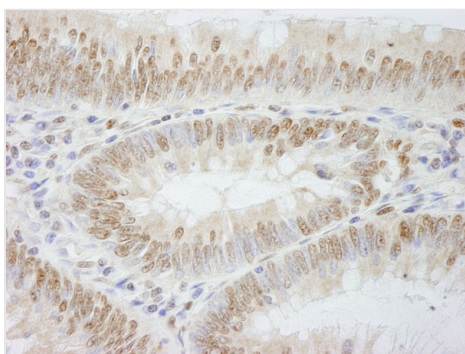
### PRODUCT SYNONYMS

PolE3/p17; Polyclonal Antibody; Rabbit anti-PolE3/p17 IHC Antibody; Affinity Purified; DNA polymerase II subunit 3; histone fold protein CHRAC17; huCHRAC17; p17; polymerase (DNA directed); epsilon 3 (p17 subunit); DNA polymerase epsilon subunit p17; polymerase (DNA) epsilon 3; accessory subunit; CHRAC2; YBL1; epsilon 3; DNA polymerase epsilon subunit 3; DNA polymerase epsilon p17 subunit; chromatin accessibility complex 17 kDa protein; CHRAC-17; CHRAC17; CHARAC17; asTP; Arsenic-transactivated protein; arsenic transactivated protein; chromatin accessibility complex subunit 2; DNA polymerase epsilon 3; anti-PolE3/p17 antibody

### PRODUCT SPECIFICATIONS

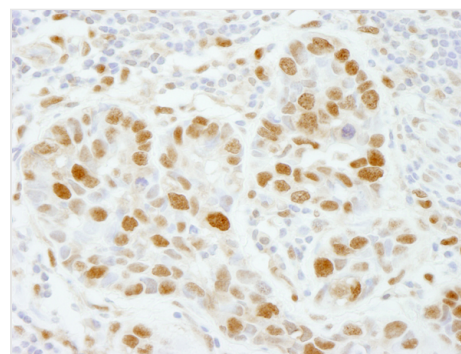
|                                                     |                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                                                                                                                                           |
| Reactivity                                          | Human, Mouse                                                                                                                                                                                     |
| Clonality                                           | Polyclonal                                                                                                                                                                                       |
| Purity/Purification                                 | Antigen Affinity Purified                                                                                                                                                                        |
| Form/Format                                         | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide                                                                                                               |
| Concentration                                       | 100ug/ml (varies by lot)                                                                                                                                                                         |
| Applicable Applications for anti-PolE3/p17 antibody | IHC (Immunohistochemistry)                                                                                                                                                                       |
| Predicted Reactivity                                | Rat, Bovine, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, White-tufted-ear marmoset, Crab-eating macaque, Northern white-cheeked gibbon, Little brown bat, Chinese hamster, Small-eared galago |
| Immunogen                                           | Between 97 and C-terminus                                                                                                                                                                        |
| Conjugation                                         | Unconjugated                                                                                                                                                                                     |
| Preparation and Storage                             | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                                                                                                                                 |

### IMAGES



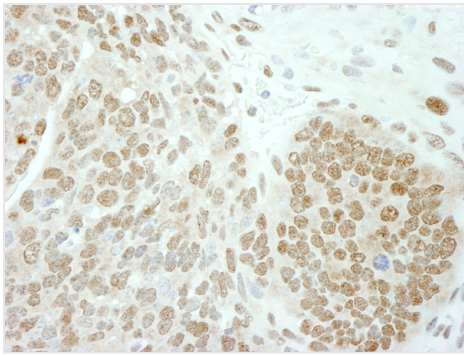
#### IHC (Immunohistochemistry)

Detection of human PolE3/p17 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-PolE3/p17 (Cat. No. AAA213896) used at a dilution of 1:500. Detection: DAB



#### IHC (Immunohistochemistry)

Detection of human PolD3/p66 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PolE3/p17 (Cat. No. AAA213896) used at a dilution of 1:100. Detection: DAB



#### IHC (Immunohistochemistry)

Detection of mouse PolE3/p17 by immunohistochemistry. Sample: FFPE section of mouse teratoma. Antibody: Affinity purified rabbit anti-PolE3/p17 (Cat. No. AAA213896) used at a dilution of 1:100. Detection: DAB

## ADDITIONAL INFORMATION

|                                                                |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-PolE3/p17 antibody</b> | PolE3/p17 is a subunit of DNA polymerase epsilon that plays a role in DNA replication and repair. PolE3/p17 contains histone-fold motifs which play a role in protein-protein and protein-DNA interactions. PolE3/p17 interacts with CHRAC1 (chromatin assembly complex 1), ACF1, and ISWI/SNF2H proteins to form the CHRAC ISWI chromatin-remodeling complex. |
| <b>Product Categories/Family for anti-PolE3/p17 antibody</b>   | <a href="#">Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                             |

## NCBI AND UNIPROT INFORMATION

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">224586804</a>                   |
| <b>NCBI GeneID</b>                      | <a href="#">54107</a>                       |
| <b>NCBI Accession #</b>                 | <a href="#">NP_059139.3</a>                 |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_017443.4</a>                 |
| <b>UniProt Accession #</b>              | <a href="#">Q9NRF9</a>                      |
| <b>NCBI Official Full Name</b>          | DNA polymerase epsilon subunit 3            |
| <b>NCBI Official Synonym Full Names</b> | DNA polymerase epsilon 3, accessory subunit |
| <b>NCBI Official Symbol</b>             | POLE3                                       |
| <b>NCBI Official Synonym Symbols</b>    | p17; YBL1; CHRAC2; CHRAC17; CHARAC17        |
| <b>NCBI Protein Information</b>         | DNA polymerase epsilon subunit 3            |
| <b>UniProt Protein Name</b>             | DNA polymerase epsilon subunit 3            |
| <b>UniProt Gene Name</b>                | <b>POLE3</b>                                |
| <b>UniProt Synonym Gene Names</b>       | CHRAC17; AsTP; CHRAC-17; HuCHRAC17          |
| <b>UniProt Entry Name</b>               | DPOE3_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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