

# Anti- DNA Polymerase $\beta$ Polyclonal Antibody



| Catalog No. | Size        |
|-------------|-------------|
| A300047-01  | 50 $\mu$ l  |
| A300047-02  | 100 $\mu$ l |

|             |                                                |
|-------------|------------------------------------------------|
| Specificity | Anti- DNA Polymerase $\beta$ (human mouse rat) |
| Source      | Rabbit Polyclonal                              |
| Application | WB ELISA IHC                                   |
| Form        | Liquid, 1 mg/ml                                |

## Product

**Swiss-Prot No.:** P06746

**Other Names:** DNA polymerase beta, EC 2.7.7.7, EC 4.2.99

## Specificity and Sensitivity

DNA Polymerase  $\beta$  antibody detects endogenous levels of total DNA Polymerase  $\beta$  protein.

## Source and Purification

The antiserum was produced against synthesized peptide derived from human DNA Polymerase  $\beta$ .

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000    IHC: 1:50~1:100    ELISA: 1:10000

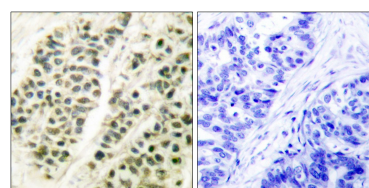
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

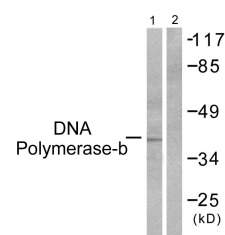
Stable for 1 year at  $-20^{\circ}\text{C}$  from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at  $4^{\circ}\text{C}$  for 3 months.

## Images



Peptide                      -                      +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using DNA Polymerase  $\beta$  antibody.



Peptide                      -                      +

Western blot analysis of extracts from NIH/3T3 cells, using DNA Polymerase  $\beta$  antibody.

## Related Products

PW001: Super ECL Assay kit

E030120 : HRP, Goat Anti-Rabbit IgG(H+L)

E030220 : AP, Goat Anti-Rabbit IgG(H+L)

E021010: Anti-GAPDH Mouse Monoclonal Antibody

E021020: Anti-beta Actin Mouse Monoclonal Antibody

E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP