

## DNA pol $\beta$ (Acetyl Lys72) Rabbit pAb

CatalogNo: YK0166

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 38kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:1000-2000**

**ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human DNA pol  $\beta$  (Acetyl Lys72)

**Specificity** This antibody detects endogenous levels of Human, Mouse, Rat DNA pol  $\beta$  (Acetyl Lys72). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): AEKID

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## | Target Information

**Gene name** POLB  
**Protein Name** DNA pol  $\beta$  (Acetyl Lys72)

Organism	Gene ID	UniProt ID
Human	<a href="#">5423</a> ;	<a href="#">P06746</a> ;
Mouse	<a href="#">18970</a> ;	<a href="#">Q8K409</a> ;
Rat	<a href="#">29240</a> ;	<a href="#">P06766</a> ;

**Cellular Localization** Nucleus. Cytoplasm. Cytoplasmic in normal conditions. Translocates to the nucleus following DNA damage.

**Function** DNA metabolic process , DNA replication , DNA-dependent DNA replication , DNA repair , base-excision repair , pyrimidine dimer repair , anti-apoptosis , response to DNA damage stimulus , cell death , regulation of cell death , death , cellular response to stress , regulation of apoptosis , negative regulation of apoptosis , regulation of programmed cell death ,negative regulation of programmed cell death , negative regulation of cell death ,

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## | Validation Data

## | Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
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Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**DNA pol  $\beta$  (Acetyl Lys72) Rabbit pAb**

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)