

# TOP2A (Phospho Ser1213) Rabbit pAb

CatalogNo: YP1583

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, ELISA

### MW

- 174kD (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 TOP2A (Phospho Ser1213)

**Specificity** This antibody detects endogenous levels of Human TOP2A (Phospho Ser1213). 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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): LPsPR

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## | Target Information

**Gene name** TOP2A TOP2

**Protein Name** DNA topoisomerase 2-alpha (Phospho Ser1213)

Organism	Gene ID	UniProt ID
Human	<a href="#">7153</a> ;	<a href="#">P11388</a> ;
Mouse	<a href="#">21973</a> ;	<a href="#">Q01320</a> ;
Rat	<a href="#">360243</a> ;	<a href="#">P41516</a> ;

**Cellular Localization** Cytoplasm . Nucleus, nucleoplasm . Nucleus . Nucleus, nucleolus .

**Tissue specificity** Expressed in the tonsil, spleen, lymph node, thymus, skin, pancreas, testis, colon, kidney, liver, brain and lung (PubMed:9155056). Also found in high-grade lymphomas, squamous cell lung tumors and seminomas (PubMed:9155056).

**Function** DNA metabolic process, DNA replication, DNA topological change, DNA ligation, DNA repair, DNA packaging, apoptosis, response to DNA damage stimulus, nucleus organization, chromosome segregation, intracellular signaling cascade, cell death, regulation of cell death, positive regulation of cell death, programmed cell death, death, second-messenger-mediated signaling, chromosome condensation, apoptotic nuclear changes, apoptotic chromosome condensation, cellular response to stress, regulation of apoptosis, positive regulation of apoptosis, regulation of programmed cell death, positive regulation of programmed cell death, regulation of viral genome replication, positive regulation of viral genome replication, regulation of retroviral genome replication, positive regulation of retroviral genome replication, phosphoinositide-mediated signaling, positive regulation of viral reproduction, regulation of viral reproduction, chromosome organization,

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## | Validation Data

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
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