

Topoisomerase II α (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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

| Target Information

Gene name TOP2A TOP2

Protein Name DNA topoisomerase 2-alpha (Phospho Ser1213)

Organism	Gene ID	UniProt ID
Human	7153 ;	P11388 ;
Mouse	21973 ;	Q01320 ;
Rat	360243 ;	P41516 ;

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,

| Validation Data

| Contact information

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