

## TOP2A(Phospho Ser1213) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP13123
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human TOP2A (Phospho Ser1213)
<b>Mol wt</b>	168410
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	TOP2A
<b>Synonyms</b>	TOP2A ;Phospho Ser1213; DNA topoisomerase 2-alpha; EC 5.99.1.3; DNA topoisomerase II; alpha isozyme

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Catalytic activity:ATP-dependent breakage| passage and rejoining of double-stranded DNA.|enzyme regulation:Specifically inhibited by the intercalating agent amsacrine.|Control of topological states of DNA by transient breakage and subsequent rejoining of DNA strands.  
Topoisomerase II makes double-strand breaks.|miscellaneous:Eukaryotic topoisomerase I and II can relax both negative and positive supercoils| whereas prokaryotic enzymes relax only negative supercoils.|PTM:Phosphorylation has no effect on Catalytic activity.|Belongs to the type II topoisomerase family.|subcellular location:Generally located in the nucleoplasm.|subunit:Homodimer. Interacts with COPS5.|

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)