

Topo III Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09128
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Topo III α . at AA range: 350-430
Mol wt	112372
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Topo IIIalpha Antibody
Synonyms	TOP3A; TOP3; DNA topoisomerase 3-alpha; DNA topoisomerase III alpha

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

Background

TOP3A(topoisomerase(DNA) III alpha) encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus reducing the number of supercoils and altering the topology of DNA. This enzyme forms a complex with BLM which functions in the regulation of recombination in somatic cells. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of 293T using Topo III α antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000 cells nucleus.

Storage

-20°C for one year