



Anti-TOP3A (aa 900-1000) polyclonal antibody (DPABH-25482)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Reduces the number of supercoils in a highly negatively supercoiled DNA. Essential component of the RMI complex, a complex that plays an important role in the processing of homologous recombination intermediates to limit DNA crossover formation in cells.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 900 - 1000 of Human Topoisomerase III alpha.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	TOP4A topoisomerase (DNA) III alpha [Homo sapiens]
Official Symbol	TOP3A
Synonyms	TOP3A; topoisomerase (DNA) III alpha; TOP3; ZGRF7; DNA topoisomerase 3-alpha; topo III-alpha; DNA topoisomerase III alpha; zinc finger, GRF-type containing 7;
Entrez Gene ID	7156
Protein Refseq	NP_004609.1
UniProt ID	Q13472
Pathway	Blooms syndrome complex; Cell Cycle; Fanconi anemia pathway; Homologous recombination.
Function	ATP binding; DNA binding; DNA topoisomerase type I activity; protein binding