

Immunotag™ Phospho-Topoisomerase IIα (Ser1469) Antibody

Antibody Specification	
Catalog No.	ITA0755
Product Description	Immunotag™ Phospho-Topoisomerase IIα (Ser1469) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Topoisomerase IIα (Ser1469)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Topoisomerase IIα around the phosphorylation site of Ser1469.
Specificity	Phospho-Topoisomerase IIα (Ser1469) Antibody detects endogenous levels of Topoisomerase IIα.
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TOP2A
Accession No.	P11388

Antibody Specification

Alternate Names	alpha isozyme; ATP hydrolyzing DNA topoisomerase II alfa; DNA gyrase; DNA topoisomerase (ATP hydrolyzing); DNA topoisomerase 2 alpha; DNA topoisomerase 2-alpha; DNA topoisomerase II 170 kD; DNA topoisomerase II alpha isozyme; DNA topoisomerase II; DNA Topoisomerase2; TOP 2A; TOP2; TOP2A; TOP2A_HUMAN; Topoisomerase DNA II alpha 170kDa; TP2A;
Description	Control of topological states of DNA by transient breakage and subsequent rejoining of DNA strands. Topoisomerase II makes double-strand breaks. Essential during mitosis and meiosis for proper segregation of daughter chromosomes. May play a role in regulating the period length of ARNTL/BMAL1 transcriptional oscillation (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	190kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.