

Topoisomerase II alpha (Phospho Thr1343) (14J5) Rabbit Monoclonal Antibody

Catalog# UZ-MA04715

Product information

产品货号	UZ-MA04715
别名	TOP2; TP2A
产品名称	Topoisomerase II alpha (Phospho Thr1343) (14J5) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-ICC,IF-P
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic phosphopeptide corresponding to residues surrounding Thr1343 of human Topoisomerase II alpha
稀释度	WB 1:1000, IHC-P/IF-P 1:100, IF-ICC 1:20-1:100
参考分子量	174kDa
预测分子量	174kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This nuclear enzyme is involved in processes such as chromosome condensation, chromatid separation, and the relief of torsional stress that occurs during DNA transcription and replication. It catalyzes the transient breaking and rejoining of two strands of duplex DNA which allows the strands to pass through one another, thus altering the topology of DNA. Two forms of this enzyme exist as likely products of a gene duplication event. The gene encoding this form, alpha, is localized to chromosome 17 and the beta gene is localized to chromosome 3. The gene encoding this enzyme functions as the target for several anticancer agents and a variety of mutations in this gene have been associated with the development of drug resistance. Reduced activity of this enzyme may also play a role in ataxia-telangiectasia. [provided by RefSeq, Jul 2010]
纯化	Affinity Purification
Uniprot ID	P11388
Clonality	Monoclonal