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TOP2A (Phospho-Ser1106) Antibody

货号: AYP4208

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	174kDa/177kDa/178kDa/182kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T
细胞定位	Cytoplasm,Nucleus,nucleoplasm
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human TOP2A (Phospho-Ser1106).

靶点信息

研究背景	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.
基因ID	7153
基因名	TOP2A
Swiss	P11388 (https://www.uniprot.org/uniprotkb/P11388/entry)
别名	TOP2A,TOP2,TP2A,TOP2A (Phospho-Ser1106) Antibody,DNA topoisomerase II,alpha isozyme,TOP2A (Phospho-Ser1106)

产品验证

实验步骤

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