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Phospho-Topoisomerase II alpha (Ser1106) (YD31828) Rabbit mAb

货号: AYD12690

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	174kDa
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, nucleolus
纯化	亲和纯化

抗原信息

抗原信息	

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	Phospho-Topoisomerase II alpha (Ser1106) (YD31828),Phospho-Topoisomerase II alpha (Ser1106) (YD31828) Rabbit mAb,TOP2A,DNA topoisomerase II,alpha isozyme,TOP2

产品验证

实验步骤

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