

产品名称: Topoisomerase I Rabbit Monoclonal Antibody
产品货号: AMRe02703



产品概述 (Summary)

产品名称 (Production Name)	Topoisomerase I Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TOP1
别名 (Alternative Names)	TOP1; DNA topoisomerase 1; DNA topoisomerase I
基因 ID (Gene ID)	7150
蛋白 ID (SwissProt ID)	P11387.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 91 kDa; Observed MW: 91 kDa

研究背景 (Background)

Releases the supercoiling and torsional tension of DNA introduced during the DNA replication and transcription by

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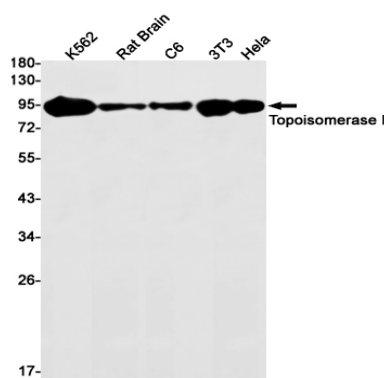


transiently cleaving and rejoining one strand of the DNA duplex. Introduces a single-strand break via transesterification at a target site in duplex DNA. The scissile phosphodiester is attacked by the catalytic tyrosine of the enzyme, resulting in the formation of a DNA-(3'-phosphotyrosyl)-enzyme intermediate and the expulsion of a 5'-OH DNA strand.

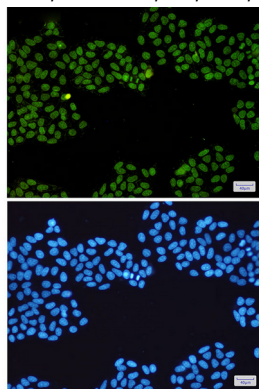
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

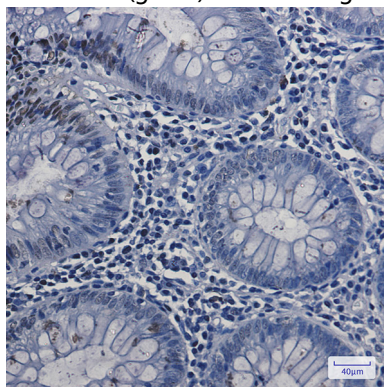
图片 (Image Data)



Western blot analysis of Topoisomerase I in K562, rat Brain, C6, 3T3, HeLa lysates using Topoisomerase I antibody.



Immunocytochemistry analysis of Topoisomerase I (green) in HeLa using Topoisomerase I antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Topoisomerase I antibody. High-pressure

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and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .