

产品名称: Topo III α Rabbit Polyclonal Antibody
产品货号: APRab19127



产品概述 (Summary)

产品名称 (Production Name)	Topo III α Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TOP3A
别名 (Alternative Names)	TOP3A; TOP3; DNA topoisomerase 3-alpha; DNA topoisomerase III alpha
基因 ID (Gene ID)	7156.0
蛋白 ID (SwissProt ID)	Q13472.Synthesized peptide derived from Topo III α . at AA range: 350-430

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	115kDa

研究背景 (Background)

This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during

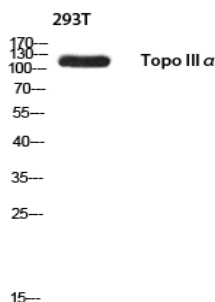
产品名称: Topo III α Rabbit Polyclonal Antibody
产品货号: AP Rab19127

transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus reducing the number of supercoils and altering the topology of DNA. This enzyme forms a complex with BLM which functions in the regulation of recombination in somatic cells. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016], catalytic activity: ATP-independent breakage of single-stranded DNA, followed by passage and rejoining., function: Reduces the number of supercoils in a highly negatively supercoiled DNA. Essential component of the RMI complex, a complex that plays an important role in the processing of homologous recombination intermediates to limit DNA crossover formation in cells., similarity: Belongs to the prokaryotic type I/III topoisomerase family., subunit: Directly interacts with BLM and RMI1. Component of the RMI complex, containing at least TOP3A, RMI1 and RMI2. The RMI complex interacts with BLM., tissue specificity: High expression is found in testis, heart, skeletal muscle and pancreas.,

研究领域 (Research Area)

Homologous recombination;

图片 (Image Data)



Western blot analysis of 293T using Topo III α antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

注意事项 (Note)

For research use only .