

产品名称: DNA pol α Rabbit Polyclonal Antibody
产品货号: APRab10053



产品概述 (Summary)

产品名称 (Production Name)	DNA pol 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,Rat,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)	POLA1
别名 (Alternative Names)	POLA1; POLA; DNA polymerase alpha catalytic subunit; DNA polymerase alpha catalytic subunit p180
基因 ID (Gene ID)	5422.0
蛋白 ID (SwissProt ID)	P09884.The antiserum was produced against synthesized peptide derived from human DNA Polymerase alpha. AA range:81-130

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	165kDa

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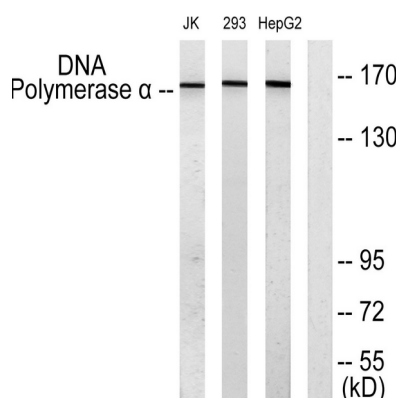
研究背景 (Background)

This gene encodes the catalytic subunit of DNA polymerase, which together with a regulatory and two primase subunits, forms the DNA polymerase alpha complex. The catalytic subunit plays an essential role in the initiation of DNA replication. [provided by RefSeq, Mar 2010], catalytic activity: Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1)., function: Polymerase alpha in a complex with DNA primase is a replicative polymerase., miscellaneous: In eukaryotes there are five DNA polymerases: alpha, beta, gamma, delta, and epsilon which are responsible for different reactions of DNA synthesis., PTM: A 165 kDa form is probably produced by proteolytic cleavage at Lys-124., similarity: Belongs to the DNA polymerase type-B family., subunit: Interacts with SV40 Large T antigen; this interaction allows viral DNA replication.,

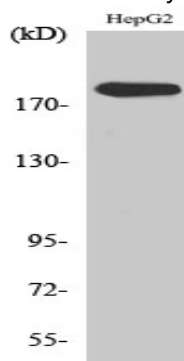
研究领域 (Research Area)

Purine metabolism; Pyrimidine metabolism; DNA replication;

图片 (Image Data)



Western blot analysis of lysates from HepG2, 293, and Jurkat cells, using DNA Polymerase alpha Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using DNA pol α Polyclonal Antibody diluted at 1: 1000

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注意事项 (Note)

For research use only .