

产品名称: DNA pol ε 4 Rabbit Polyclonal Antibody
产品货号: APRab10058



产品概述 (Summary)

产品名称 (Production Name)	DNA pol ε 4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC/IF, 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)	POLE4
别名 (Alternative Names)	POLE4; DNA polymerase epsilon subunit 4; DNA polymerase II subunit 4; DNA polymerase epsilon subunit p12
基因 ID (Gene ID)	56655.0
蛋白 ID (SwissProt ID)	Q9NR33. The antiserum was produced against synthesized peptide derived from human POLE4. AA range: 61-110

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	12kDa

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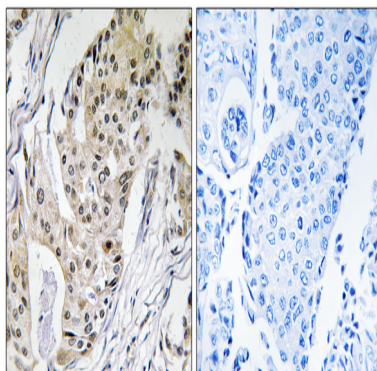
研究背景 (Background)

POLE4 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM, Apr 2004],catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1).,function:May play a role in allowing polymerase epsilon to carry out its replication and/or repair function.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subunit:Consists of four subunits: POLE1, POLE2, POLE3 and POLE4. Interacts with POLE3. When bound to POLE3, it can associate with polymerase epsilon p261 and p59 and form a complex.,

研究领域 (Research Area)

Purine metabolism;Pyrimidine metabolism;DNA replication;Base excision repair;Nucleotide excision repair;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using POLE4 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .