

产品名称: DNA PKcs (6D1) Mouse Monoclonal Antibody
产品货号: AMM03659



产品概述 (Summary)

产品名称 (Production Name)	DNA PKcs (6D1) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG1
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PRKDC
别名 (Alternative Names)	PRKDC; HYRC; HYRC1; DNA-dependent protein kinase catalytic subunit; DNA-PK catalytic subunit; DNA-PKcs; DNPk1; p460
基因 ID (Gene ID)	5591
蛋白 ID (SwissProt ID)	P78527.

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,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 469 kDa; Observed MW: 450 kDa

研究背景 (Background)

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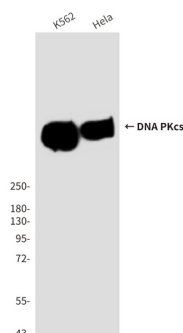


The PRKDC gene encodes the catalytic subunit of a nuclear DNA-dependent serine/threonine protein kinase (DNA-PK). The second component is the autoimmune antigen Ku (MIM 152690), which is encoded by the G22P1 gene on chromosome 22q. On its own, the catalytic subunit of DNA-PK is inactive and relies on the G22P1 component to direct it to the DNA and trigger its kinase activity; PRKDC must be bound to DNA to express its catalytic properties.

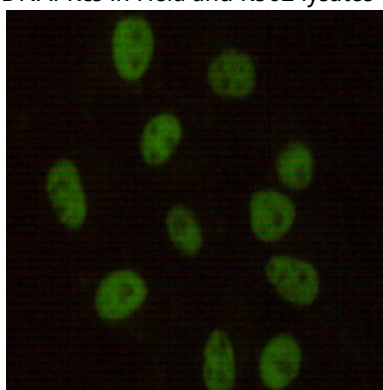
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

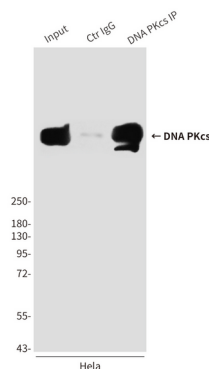
图片 (Image Data)



Western blot analysis of DNAPKcs in HeLa and K562 lysates using DNAPKcs antibody.



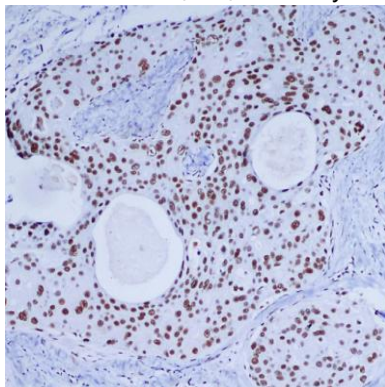
Immunocytochemistry analysis of DNA PKcs (6D1) in HeLa using DNAPKcs antibody.



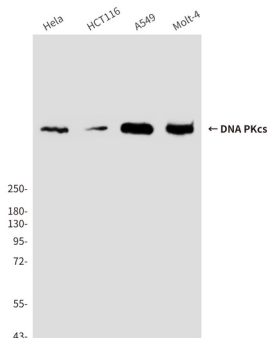
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Immunoprecipitation analysis of DNA PKcs (6D1) in Hela lysates using DNAPKcs antibody.



Immunohistochemistry analysis of paraffin-embedded Breast cancer using DNAPKcs antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of DNAPKcs in Hela, Molt4, A549 and HCT116 lysates using DNAPKcs antibody.

注意事项 (Note)

For research use only .