

产品名称: PNK / PNKP (12Y10) Rabbit Monoclonal Antibody
产品货号: AMRe16320



产品概述 (Summary)

产品名称 (Production Name)	PNK / PNKP (12Y10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP,IF-P
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)	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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PNKP
别名 (Alternative Names)	DEM1; EIEE10; MCSZ; PNK1; Pnkp;
基因 ID (Gene ID)	11284.0
蛋白 ID (SwissProt ID)	Q96T60.A synthetic peptide of human PNK/PNKP

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:20-1:100,IP 1:20-1:50,IF-P 1:20-1:50
蛋白分子量 (Molecular Weight)	57kDa

研究背景 (Background)

Catalyzes the phosphorylation of DNA at 5'-hydroxyl termini and can dephosphorylate its 3'-phosphate termini. Plays an

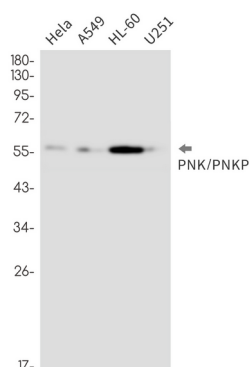
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important function in DNA repair following ionizing radiation or oxidative damage. Plays a key role in the repair of DNA damage, functioning as part of both the non-homologous end-joining (NHEJ) and base excision repair (BER) pathways (PubMed:10446192, PubMed:10446193, PubMed:15385968, PubMed:20852255, PubMed:28453785). Through its two catalytic activities, PNK ensures that DNA termini are compatible with extension and ligation by either removing 3'-phosphates from, or by phosphorylating 5'-hydroxyl groups on, the ribose sugar of the DNA backbone (PubMed:10446192, PubMed:10446193).

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of PNK/PNKP in HeLa, A549, HL-60, U251 cell lysates using PNK/PNKP antibody (1:1000 diluted).

注意事项 (Note)

For research use only.