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PNKP Rabbit pAb

货号: **AYP13398**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:100
理论分子量	53kDa/57kDa
实测分子量	57kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HL-60,HepG2,Rat liver
细胞定位	Nucleus
纯化	Affinity purification

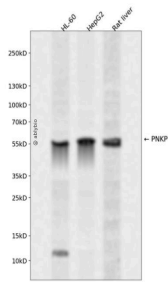
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 60-320 of human PNKP (NP_009185.2).
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靶点信息

研究背景	This locus represents a gene involved in DNA repair. In response to ionizing radiation or oxidative damage, the protein encoded by this locus catalyzes 5' phosphorylation and 3' dephosphorylation of nucleic acids. Mutations at this locus have been associated with microcephaly, seizures, and developmental delay.
基因ID	11284
基因名	PNKP
Swiss	Q96T60 (https://www.uniprot.org/uniprotkb/Q96T60/entry)
别名	PNKP, AOA4, EIEE10, MCSZ, PNK, PNKP Rabbit pAb, DNA 5'-kinase/3'-phosphatase, Polynucleotide kinase-3'-phosphatase, 2'(3')-polynucleotidase

产品验证



Western blot analysis of PNKP expressed in HL-60, HepG2, Rat liver using PNKP Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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