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DQUOK Rabbit pAb

货号: **AYP16560**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	9kDa/17kDa/21kDa/27kDa/29kDa/32kDa
实测分子量	40kDa
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	Jurkat,HepG2,Mouse heart,Mouse kidney,Rat liver,Rat brain
细胞定位	Mitochondrion
纯化	Affinity purification

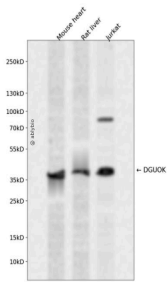
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 40-277 of human DQUOK (NP_550438.1).
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靶点信息

研究背景	In mammalian cells, the phosphorylation of purine deoxyribonucleosides is mediated predominantly by two deoxyribonucleoside kinases, cytosolic deoxycytidine kinase and mitochondrial deoxyguanosine kinase. The protein encoded by this gene is responsible for phosphorylation of purine deoxyribonucleosides in the mitochondrial matrix. In addition, this protein phosphorylates several purine deoxyribonucleoside analogs used in the treatment of lymphoproliferative disorders, and this phosphorylation is critical for the effectiveness of the analogs. Alternative splice variants encoding different protein isoforms have been described for this gene.
基因ID	1716
基因名	DGUOK
Swiss	Q16854 (https://www.uniprot.org/uniprotkb/Q16854/entry)
别名	DGUOK,MTDPS3,NCPH,PEOB4,dGK,DGUOK Rabbit pAb,Deoxyadenosine kinase,mitochondrial

产品验证



Western blot analysis of DGUOK expressed in Mouse heart,Rat liver,Jurkat using DGUOK Rabbit pAb at 1:1 000. 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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