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# FOXK1 Rabbit pAb

货号: **AYP13904**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	59kDa/75kDa
实测分子量	105kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG, Raji, A-549
细胞定位	Nucleus
纯化	Affinity purification

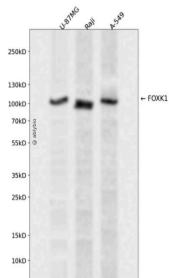
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 434-733 of human FOXK 1 (NP_001032242.1).
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## 靶点信息

研究背景	Transcriptional regulator involved in different processes such as glucose metabolism, aerobic glycolysis, muscle cell differentiation and autophagy (By similarity. Recognizes and binds the forkhead DNA sequence motif (5'-GTAAACA-3' and can both act as a transcription activator or repressor, depending on the context. Together with FOXK2, acts as a key regulator of metabolic reprogramming towards aerobic glycolysis, a process in which glucose is converted to lactate in the presence of oxygen (By similarity. Acts by promoting expression of enzymes for glycolysis (such as hexokinase-2 (HK2, phosphofructokinase, pyruvate kinase (PKLR and lactate dehydrogenase, while suppressing further oxidation of pyruvate in the mitochondria by up-regulating pyruvate dehydrogenase kinases PDK1 and PDK4 (By similarity.
基因ID	221937
基因名	FOXK1
Swiss	P85037 ( <a href="https://www.uniprot.org/uniprotkb/P85037/entry">https://www.uniprot.org/uniprotkb/P85037/entry</a> )
别名	FOXK1,FOXK1L,FOXK1 Rabbit pAb,Myocyte nuclear factor,MNF

## 产品验证



Western blot analysis of FOXK1 expressed in U-87MG,Raji,A-549 using FOXK1 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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