

# FOXK1 Antibody

货号: **AYP5199**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	59kDa/75kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,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	Synthesized peptide derived from Human FOXK1.
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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
别名	FOXK1;FOXK1L

产品验证

实验步骤

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