

FOXK1 Rabbit pAb

货号: **AYP13904**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 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

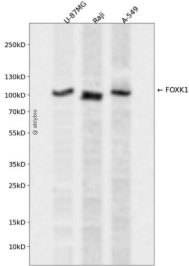
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 434-733 of human FOXK 1 (NP_001032242.1).
序列	LQTPECLSREGSPIPHDPEFGSKLASVPEYRYSQSAPGSPVSAQPVIMAVPPRPSSLVAKPVAYMPASIVTSQQPAGHAIHV VQQAPTVMVRVVTTSANSANGYILTSQGAAGGSHDAAGAAVLDLGSEARGLEEKPTIAFATIPAAGGVIQTVASQMAPG VPGHTVTILQPATPVTLGQHLLPVRVAVTQNGKHAVPTNSLAGNAYALTSPLQLLATQASSAPVVVTRVCEVGPKEPAAAV AATATTTTATATTASASASSTGEPEVKRSRVEEPSGAVTTPAGVIAAAGPQGPGE

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



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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