

Hexokinase II Rabbit pAb

货号: **B11053**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: H460 , unknow , SK-N-SH , U251,U87MG , Homo sapiens , Mus musculus , Gallus gallus , Sus scrofa , Rattus norvegicus IHC: Mus musculus , Homo sapiens , Rattus norvegicus IF: Gallus gallus , Homo sapiens /: 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 - 1:200
理论分子量	102kDa
实测分子量	102KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y,HeLa
细胞定位	Mitochondrion outer membrane
纯化	Affinity purification

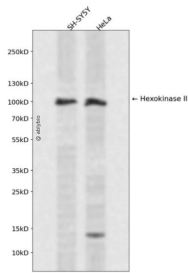
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human Hexokinase II (NP_000180.2).
序列	MIASHLLAYFFTELNHDQVQKVDQYLYHMRLSDETLLEISKRFRKEMEKGLGATTHPTAAVKMLPTFVRSTPDGTEHGEFLALDLGGTNRVVLVVKVTDNGLQKVMENQIYAIPEDIMR

靶点信息

研究背景	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 2, the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. Expression of this gene is insulin-responsive, and studies in rats suggest that it is involved in the increased rate of glycolysis seen in rapidly growing cancer cells.
基因ID	3099
基因名	HK2
Swiss	P52789
别名	HK2;HKII;HXK2;hexokinase-2

产品验证



Western blot analysis of Hexokinase II expressed in SH-SY5Y, HeLa using Hexokinase II 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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