

Hexokinase 1 Rabbit mAb

货号: **AYM30784**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	101kDa/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 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,MCF7,U-87MG,Mouse testis,Mouse brain,Mouse heart,Rat testis,Rat brain
细胞定位	Mitochondrion outer membrane
纯化	Affinity purification

抗原信息

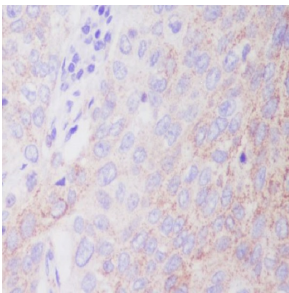
抗原信息	Recombinant fusion protein corresponding to Human Hexokinase 1.
序列	KIDKYLYAMRLSDETLDIMTRFRKEMKNGLSRDFNPTATVKMLPTFVRSIPDGSEKGFIALDLGGSSFRILRVQVNHEKN QNVHMESEVYDTPENIVHGSGSQLFDHVAECLGDFMEKRKIKDKKLPVGFTFSPQCQSKIDEAILITWTKRFKASGVEGA DVVKLLNKAIKRGDYDANIVAVVNDTVGTMTCGY

靶点信息

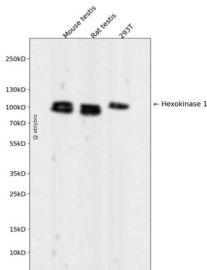
研究背景	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in several transcript variants which encode different isoforms, some of which are tissue-specific.
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基因ID	3098
基因名	HK1
Swiss	P19367
别名	HK1;HK;HK1-ta;HK1-tb;HK1-tc;HKD;HKI;HMSNR;HXX1;hexokinase;RP79

产品验证



Immunohistochemical analysis of paraffin-embedded human lung carcinoma, using Hexokinase 1 Antibody.



Western blot analysis of Hexokinase 1 expressed in Mouse testis, Rat testis, 293T using Hexokinase 1 Rabbit mAb 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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