

AK2 Rabbit mAb

货号: **AYM29003**

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 IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50
理论分子量	14kDa/21kDa/22kDa/24kDa/25kDa/26kDa
实测分子量	26kDa
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	HL-60,Mouse liver,Mouse kidney,Rat liver
细胞定位	Mitochondrion intermembrane space
纯化	Affinity purification

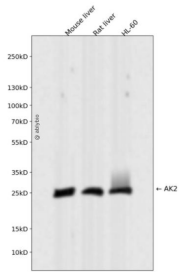
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human AK2.
序列	MAPSVPAAEPEYPKGIRAVLLGPPGAGKGTQAPRLAENFCVCHLATGDMMLRAMVASGSELGKKLKATMDAGKLVSD EMVVELIEKNLETPLCCKNGFLLDGFPRTVRQAEMLDDLMEKRKEKLDVIEFSPDLSLLIRITGRLIHPKSGRSYHEEFNPPKEPM KDDITGEPLIRRSDDNEKALKIRLQAYHTQTTPLEIYYRKRGIHSAIDASQTPDVVFASILA AFSKATC

靶点信息

研究背景	Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been identified in vertebrates; this gene encodes isozyme 2. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis. Mutations in this gene are the cause of reticular dysgenesis. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1 and 2.
基因ID	204
基因名	AK2
Swiss	P54819
别名	AK2;ADK2

产品验证



Western blot analysis of AK2 expressed in Mouse liver, Rat liver, HL-60 using AK2 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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