

产品名称: AK2 (2F12) Rabbit Monoclonal Antibody
产品货号: AMRe06714



产品概述 (Summary)

产品名称 (Production Name)	AK2 (2F12) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AK2
别名 (Alternative Names)	Adenylate kinase 2; ADK2; ak2;
基因 ID (Gene ID)	204.0
蛋白 ID (SwissProt ID)	P54819.A synthetic peptide of human AK2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:100-1:200,ICC/IF 1:200-1:500,IP 1:10-1:100
蛋白分子量 (Molecular Weight)	27kDa

研究背景 (Background)

Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. This small ubiquitous enzyme

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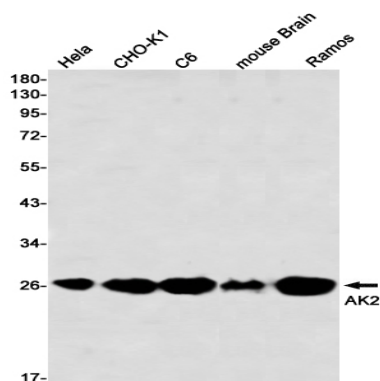


involved in energy metabolism and nucleotide synthesis that is essential for maintenance and cell growth. Plays a key role in hematopoiesis. Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism. Adenylate kinase activity is critical for regulation of the phosphate utilization and the AMP de novo biosynthesis pathways. Plays a key role in hematopoiesis.

研究领域 (Research Area)

Cell Biology; Apoptosis; Intracellular; Kinases; Mitochondrial; Signal Transduction; Metabolism; Energy Metabolism; Mitochondrial; Pathways and Processes; Mitochondrial Metabolism; Mitochondrial markers; Metabolic signaling pathways; Energy transfer pathways; Energy Metabolism

图片 (Image Data)



Western blot detection of AK2 in Hela,CHO-K1,C6,mouse Brain,Ramos using AK2 antibody(1:1000 diluted)

注意事项 (Note)

For research use only .