

产品名称: Adenylate kinase 4 (14Y15) Rabbit Monoclonal Antibody
产品货号: AMRe06624



产品概述 (Summary)

产品名称 (Production Name)	Adenylate kinase 4 (14Y15) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human

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)	AK4
别名 (Alternative Names)	AK3; AK3L1; AK3L2; AK4;
基因 ID (Gene ID)	205.0
蛋白 ID (SwissProt ID)	P27144.A synthetic peptide of human AK3L1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:50-1:100,ICC/IF 1:200-1:500
蛋白分子量 (Molecular Weight)	25kDa

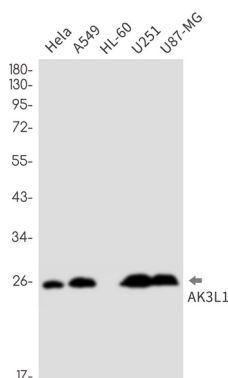
研究背景 (Background)

产品名称: Adenylate kinase 4 (14Y15) Rabbit Monoclonal Antibody
产品货号: AMRe06624

Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. May also be active with GTP. Involved in maintaining the homeostasis of cellular nucleotides by catalyzing the interconversion of nucleoside phosphates (PubMed:19073142, PubMed:19766732, PubMed:23416111, PubMed:24767988). Efficiently phosphorylates AMP and dAMP using ATP as phosphate donor, but phosphorylates only AMP when using GTP as phosphate donor (PubMed:19073142, PubMed:19766732, PubMed:23416111). Also displays broad nucleoside diphosphate kinase activity (PubMed:19073142, PubMed:19766732, PubMed:23416111). Plays a role in controlling cellular ATP levels by regulating phosphorylation and activation of the energy sensor protein kinase AMPK (PubMed:24767988, PubMed:26980435). Plays a protective role in the cellular response to oxidative stress (PubMed:19130895, PubMed:23474458, PubMed:26980435).

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of AK3L1 in Hela,A549,HL-60,U251,U87-MG cell lysates using AK3L1 antibody(1:1000 diluted).

产品名称: Adenylate kinase 4 (14Y15) Rabbit Monoclonal
Antibody
产品货号: AMRe06624



注意事项 (Note)

For research use only .