

产品名称: Creatine kinase B type (12W4) Rabbit Monoclonal Antibody
产品货号: AMRe09372



产品概述 (Summary)

产品名称 (Production Name)	Creatine kinase B type (12W4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
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)	CKB
别名 (Alternative Names)	BCK; Ckb; CKBB; HEL 211; HEL S 29;
基因 ID (Gene ID)	1152.0
蛋白 ID (SwissProt ID)	P12277.A synthetic peptide of human Creatine kinase B type

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:10000,IHC 1:20-1:100,ICC/IF 1:20-1:100,FC 1:20-1:50
蛋白分子量 (Molecular Weight)	43kDa

研究背景 (Background)

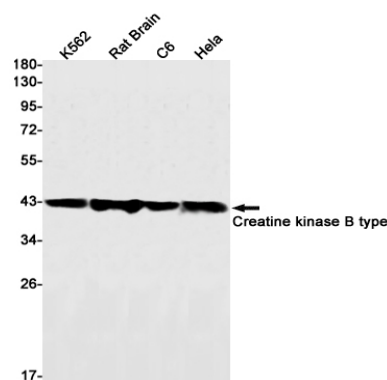
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Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa. Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate) (PubMed: 8186255). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa (Probable). Acts as a key regulator of adaptive thermogenesis as part of the futile creatine cycle: localizes to the mitochondria of thermogenic fat cells and acts by mediating phosphorylation of creatine to initiate a futile cycle of creatine phosphorylation and dephosphorylation (By similarity). During the futile creatine cycle, creatine and N-phosphocreatine are in a futile cycle, which dissipates the high energy charge of N- phosphocreatine as heat without performing any mechanical or chemical work (By similarity).

研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Western blot detection of Creatine kinase B type in K562,Rat Brain,C6,Hela cell lysates using Creatine kinase B type antibody(1:1000 diluted).

注意事项 (Note)

For research use only .