



CKMT2 mouse mAb

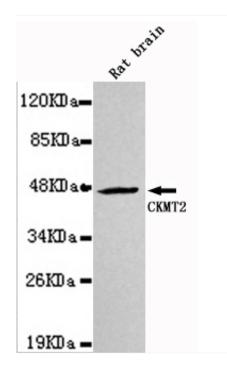
Catalog NoBYab-14228IsotypeIgGReactivityRatApplicationsWBGene Nameckm12Protein NameUnified recombinant human CKMT2 protein fragments expressed in E.coli.SpecificityThis antibody detects endogenous levels of CKMT2 and does not cross-react with related proteins.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourceMonoclonal, MousePurificationThe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.Dilutionwb 1:1000Concentration1 mg/mlPurity290%Storage Stability-CKMT2;Basic-type mitochondrial creatine kinase;CKMT2;CKMT2;CPK;Creatine kinase mitochondrial 2;Creatine kinase S-type; mitochondrial 2 (sarcomeric);Creatine kinase S-type; creatine kinase S-type; mitochondrial 2 (sarcomeric);Creatine kinase S-type; creatine kinase;SMTCKObserved Band4/tkDCell PathwayMitochondrion inner membrane; Peripheral membrane protein; Intermembrane side.FunctionAttibact cartity: ATP + creatine = ADP + phosphocreatine, Indition:Reversibly creatine phosphatic path barge, Smithary, advaluating energy demands, such as skelefal muscle, heart, brain and spermatozoa, miscellaneous, Minase Stinger, prinated condinial creatine phosphocreatine, Intersersibly creatine phosphate; prinated condinian seinalized posphate between ATP and various phosphogenge (screatine phosphate) scienter, sinase sinalery, bedrating energy demands, such as kelefal muscle, heart, brain and spermatozoa, miscellaneous, Mindochondrial creatine phinase, similarity, Belong sting the ster		
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	国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询
	phosphotransferase family.,subunit:Exists as an octamer composed of four CKMT2 homodimers.,tissue specificity:Sarcomere-specific. Found only in heart and skeletal muscles.,
Background	creatine kinase, mitochondrial 2(CKMT2) Homo sapiens Mitochondrial creatine kinase (MtCK) is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. It belongs to the creatine kinase isoenzyme family. It exists as two isoenzymes, sarcomeric MtCK and ubiquitous MtCK, encoded by separate genes. Mitochondrial creatine kinase occurs in two different oligomeric forms: dimers and octamers, in contrast to the exclusively dimeric cytosolic creatine kinase isoenzymes. Sarcomeric mitochondrial creatine kinase has 80% homology with the coding exons of ubiquitous mitochondrial creatine kinase. This gene contains sequences homologous to several motifs that are shared among some nuclear genes encoding mitochondrial proteins and thus may be essential for the coordinated activation of these genes during mitochondrial biogenesis. Three transcript variants encoding the same protein have been found for this gen
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot detection of CKMT2 in Rat Brain lysates using CKMT2 mouse mAb (1:1000 diluted).Predicted band size:47KDa.Observed band size:47KDa.

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