小鼠抗 CKMT2 单克隆抗体

中文名称： 小鼠抗 CKMT2 单克隆抗体

英文名称： Anti-CKMT2 mouse monoclonal antibody

别　　名： creatine kinase, mitochondrial 2; SMTCK

相关类别： 一抗

储　　存： 冷冻（-20℃）

宿　　主： Mouse

抗　　原： CKMT2

反应种属： Human, Rat

标 记 物： Unconjugate

克隆类型： Mouse Monoclonal

技术规格

Background:	Mitochondrial creatine kinase (MtCK) is responsible for th e transfer of high energy phosphate from mitochondria t o the cytosolic carrier, creatine. It belongs to the creatine kinase isoenzyme family. It exists as two isoenzymes, sarc omeric MtCK and ubiquitous MtCK, encoded by separate genes. Mitochondrial creatine kinase occurs in two differe nt oligomeric forms: dimers and octamers, in contrast to t he exclusively dimeric cytosolic creatine kinase isoenzymes . Sarcomeric mitochondrial creatine kinase has 80% homol ogy with the coding exons of ubiquitous mitochondrial cr eatine kinase. This gene contains sequences homologous t

	o several motifs that are shared among some nuclear gen es encoding mitochondrial proteins and thus may be esse ntial for the coordinated activation of these genes during mitochondrial biogenesis. Three transcript variants encodin g the same protein have been found for this gene.
Applications:	WB
Name of antibody:	CKMT2
Immunogen:	Fusion protein of human CKMT2
Full name:	creatine kinase, mitochondrial 2
Synonyms:	SMTCK
SwissProt:	P17540
WB Predicted band size:	48 kDa
WB Positive control:	Rat brain tissue lysate
WB Recommended dilution:	1000-5000