

兔抗 CKMT2 多克隆抗体

中文名称：兔抗 CKMT2 多克隆抗体

英文名称： Anti-CKMT2 rabbit polyclonal antibody

别名： SMTCK

相关类别： 一抗

抗原： CKMT2

储存： 冷冻（-20℃）

宿主： Rabbit

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

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 gene.
Applications:	ELISA, WB, IHC
Name of antibody:	CKMT2
Immunogen:	Fusion protein of human CKMT2
Full name:	creatine kinase, mitochondrial 2 (sarcomeric)
Synonyms :	SMTCK
SwissProt:	P17540
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human brain and human thyroid cancer
IHC Recommend dilution:	50-200
WB Predicted band size:	48 kDa
WB Positive control:	Mouse heart tissue
WB Recommended dilution:	500-2000



