



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CKMT1B MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00001159-D01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human CKMT1B protein.

**Immunogen:** CKMT1B (NP\_066270.1, 1 a.a. ~ 417 a.a) full-length human protein.

**Sequence:**

MAGPFSRLLSARPGLRLLALAGAGSLAAGFLLRPEPV  
RAASERRRLYPPSAEYPDLRKHNNCMASHLTPAVYAR  
LCDKTTPTGWLTDQCIQTGVDPNGHPFIKTVGMVAGD  
EETYEVFADLDFPVIQERHNGYDPRMTKHHTDLDASKI  
RSGYFDERYVLSSRVRTGRSIRGLSLPPACTRAERRE  
VERVVVDALSGLKGDLAGRYRRLSEMTEAEQQQLIDD  
HFLFDKPVSPLLTAAGMARDWPDARGIWHNNEKSFLI  
WVNEEDHTRVISMEEKGNMKRVERFCRGLKEVERLI  
QERGWEFMWNERLGYILTCPNSLGTGLRAGVHIKPLPL  
LSKDSRFPKILENLRQKRGTTGGVDTAATGGVFDISNL  
DRLGKSEVELVQLVIDGVNYLIDCERRLERGQDIRIPTP  
VIHTKH

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1159

**Gene Symbol:** CKMT1B

**Gene Alias:** CKMT, CKMT1, UMTCK

**Gene Summary:** Mitochondrial creatine (MtCK) kinase 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. Many malignant cancers with poor prognosis have shown overexpression of ubiquitous mitochondrial creatine kinase; this may be related to high energy turnover and failure to eliminate cancer cells via apoptosis. Ubiquitous mitochondrial creatine kinase has 80% homology with the coding exons of sarcomeric mitochondrial creatine kinase. Two genes located near each other on chromosome 15 have been identified which encode identical mitochondrial creatine kinase proteins. [provided by RefSeq]