

## CKMT2 Antibody

Purified Mouse Monoclonal Antibody (Mab)  
Catalog # AP52762-100 □

### Specification

#### CKMT2 Antibody - Product Information

Application	WB
Primary Accession	<a href="#">P17540</a>
Reactivity	Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	47 KDa

#### CKMT2 Antibody - Additional Information

Gene ID 1160

#### Other Names

CKMT 2;Basic-type mitochondrial creatine kinase;CKMT 2;CKMT2;CPK;Creatine kinase mitochondrial 2;Creatine kinase mitochondrial 2 (sarcomeric);Creatine kinase S-type; creatine kinase S-type, mitochondrial;KCRS\_HUMAN;Mib CK;Mib-CK;mitochondrial; OTTHUMP00000147542;S-MtCK;Sarcomeric mitochondrial creatine kinase;SMTCK.

#### Dilution

WB~1:1000

#### Format

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

#### CKMT2 Antibody - Protein Information

#### Name CKMT2

#### Function

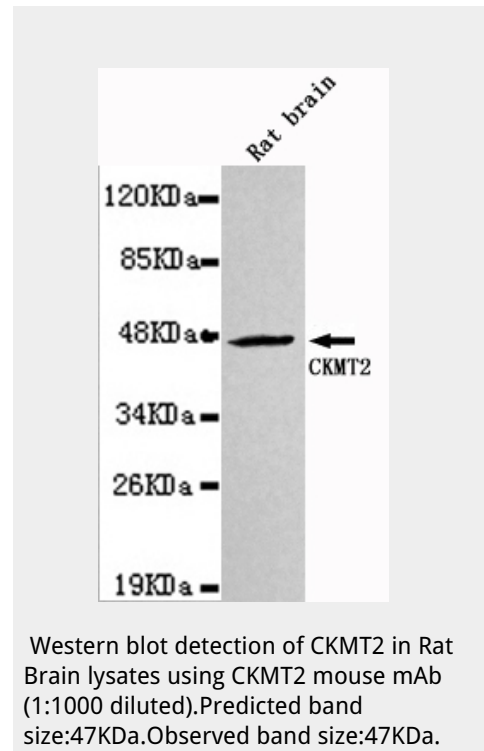
Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

#### Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Intermembrane side

#### Tissue Location

Sarcomere-specific. Found only in heart and skeletal muscles



## CKMT2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [□Western Blot](#)
- [□Blocking Peptides](#)
- [□Dot Blot](#)
- [□Immunohistochemistry](#)
- [□Immunofluorescence](#)
- [□Immunoprecipitation](#)
- [□Flow Cytometry](#)
- [□Cell Culture](#)

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## CKMT2 Antibody - References

Haas R.C.,et al.J. Biol. Chem. 265:6921-6927(1990). Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.  
Haas R.C.,et al.J. Biol. Chem. 264:2890-2897(1989).