

**CKMT2 Antibody (aa231-280)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15753****Specification**

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**CKMT2 Antibody (aa231-280) - Product Information**

Application	IHC, IF, WB
Primary Accession	<a href="#">P17540</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

**CKMT2 Antibody (aa231-280) - Additional Information****Gene ID** 1160**Other Names**

Creatine kinase S-type, mitochondrial, 2.7.3.2, Basic-type mitochondrial creatine kinase, Mib-CK, Sarcomeric mitochondrial creatine kinase, S-MtCK, CKMT2

**Target/Specificity**

CKMT2 Antibody detects endogenous levels of total CKMT2 protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

CKMT2 Antibody (aa231-280) is for research use only and not for use in diagnostic or therapeutic procedures.

**CKMT2 Antibody (aa231-280) - 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

**Volume**

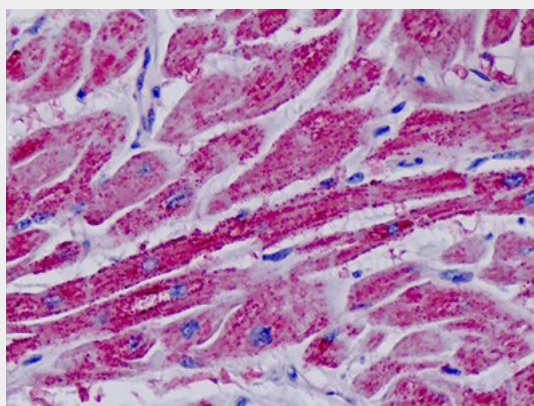
50  $\mu$ l

### CKMT2 Antibody (aa231-280) - Protocols

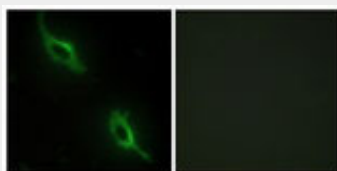
Provided below are standard protocols that you may find useful for product applications.

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

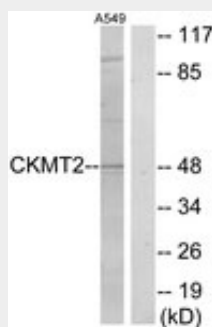
### CKMT2 Antibody (aa231-280) - Images



Human, Heart: Formalin-Fixed Paraffin-Embedded (FFPE)



Immunofluorescence of NIH-3T3 cells, using CKMT2 Antibody.



Western blot of extracts from A549 cells, using CKMT2 Antibody.

### CKMT2 Antibody (aa231-280) - Background

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.

#### **CKMT2 Antibody (aa231-280) - 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).