

For Research Use Only

# CKMT2 Polyclonal antibody

Catalog Number: 13207-1-AP **7 Publications**



## Basic Information

**Catalog Number:**

13207-1-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3971

**GenBank Accession Number:**

BC029140

**GeneID (NCBI):**

1160

**UNIPROT ID:**

P17540

**Full Name:**

creatine kinase, mitochondrial 2 (sarcomeric)

**Calculated MW:**

419 aa, 48 kDa

**Observed MW:**

41-48 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:8000

IHC 1:500-1:2000

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, chicken, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB: mouse heart tissue, human heart tissue, human skeletal muscle tissue, mouse skeletal muscle tissue

IHC: mouse heart tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Suzhen Chen	33657393	Cell Metab	WB
Yunlei Li	33451708	Mol Cell Proteomics	WB
Sho Nishikawa	31914311	J Agric Food Chem	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

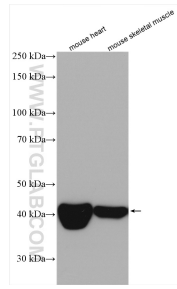
T: 4006900926

E: Proteintech-CN@ptglab.com

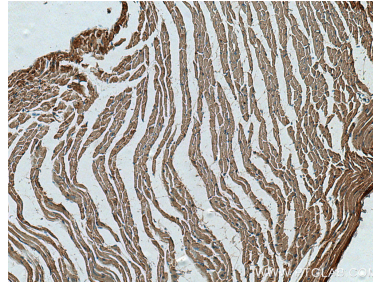
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

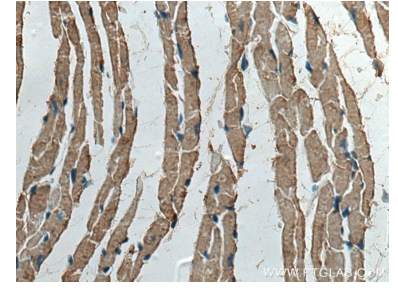
## Selected Validation Data



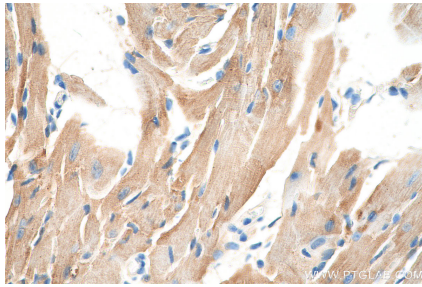
Various lysates were subjected to SDS PAGE followed by western blot with 13207-1-AP (CKMT2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



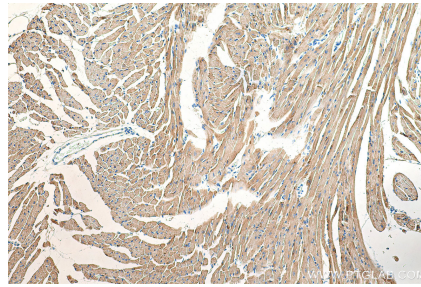
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 13207-1-AP (CKMT2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 13207-1-AP (CKMT2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 13207-1-AP (CKMT2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 13207-1-AP (CKMT2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).