

sMtCK Polyclonal Antibody

Catalog # AP72530

Specification

sMtCK Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB, IHC-P, IF <u>P17540</u> Human, Mouse, Rat Rabbit Polyclonal

sMtCK Polyclonal Antibody - Additional Information

Gene ID 1160

Other Names CKMT2; Creatine kinase S-type; mitochondrial; Basic-type mitochondrial creatine kinase; Mib-CK; Sarcomeric mitochondrial creatine kinase; S-MtCK

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20℃

sMtCK Polyclonal 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

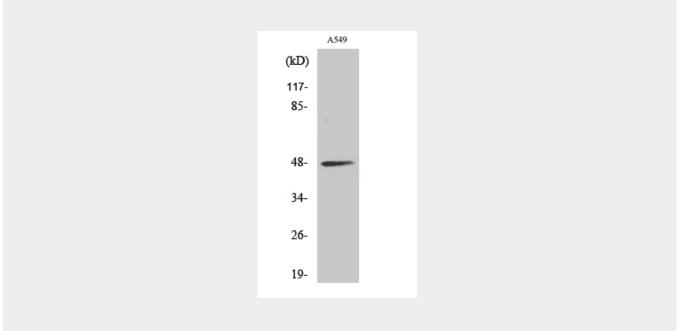


sMtCK Polyclonal Antibody - Protocols

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

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

sMtCK Polyclonal Antibody - Images



sMtCK Polyclonal Antibody - Background

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