

CPTI-M Polyclonal Antibody
Catalog # AP69274**Specification**

CPTI-M Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q92523
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CPTI-M Polyclonal Antibody - Additional Information**Gene ID** 1375**Other Names**

CPT1B; KIAA1670; Carnitine O-palmitoyltransferase 1; muscle isoform; CPT1-M; Carnitine O-palmitoyltransferase I, muscle isoform; CPT I; CPTI-M; Carnitine palmitoyltransferase 1B; Carnitine palmitoyltransferase I-like protein

Dilution

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

Format

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

Storage Conditions

-20°C

CPTI-M Polyclonal Antibody - Protein Information**Name** CPT1B**Synonyms** KIAA1670**Function**

Catalyzes the transfer of the acyl group of long-chain fatty acid-CoA conjugates onto carnitine, an essential step for the mitochondrial uptake of long-chain fatty acids and their subsequent beta-oxidation in the mitochondrion.

Cellular Location

Mitochondrion outer membrane; Multi-pass membrane protein

Tissue Location

Strong expression in heart and skeletal muscle. No expression in liver and kidney

CPTI-M Polyclonal 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](#)

CPTI-M Polyclonal Antibody - Images

