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CPTI-M Polyclonal Antibody

Catalog # AP69274

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q92523
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87801

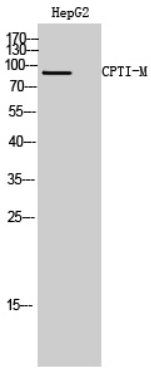
Additional Information

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 IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

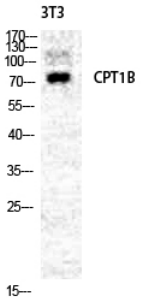
Protein Information

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

Images



Western Blot analysis of HepG2 cells using CPTI-M Polyclonal Antibody diluted at 1：2000



Western Blot analysis of NIH-3T3 cells using CPTI-M Polyclonal Antibody diluted at 1：2000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.