

CPTI-M Polyclonal Antibody

Catalog # AP69274

Product Information

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|-------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | Q92523 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 87801 |

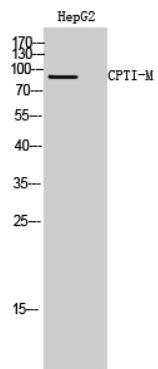
Additional Information

| | |
|--------------------|--|
| 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 |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

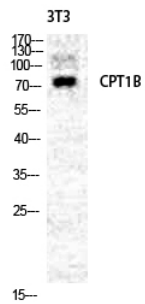
Protein Information

| | |
|-------------------|---|
| 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'.