

CPT1B

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 87kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CPT1B

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CPTI; CPT1M; MCPT1; CPT1-M; CPTI-M; M-CPT1; MCCPT1;

Catalog #: A6796

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1375

Isotype: IgG

Swiss Prot: Q92523

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene, a member of the carnitine/choline acetyltransferase family, is the rate-controlling enzyme of the long-chain fatty acid beta-oxidation pathway in muscle mitochondria. This enzyme is required for the net transport of long-chain fatty acyl-CoAs from the cytoplasm into the mitochondria. Multiple transcript variants encoding different isoforms have been found for this gene, and read-through transcripts are expressed from the upstream locus that include exons from this gene.

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