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Product datasheet for TA425559

CPT1B Rabbit Monoclonal Antibody

Product data:

| Product Type: | Primary Antibodies |
|-------------------------|--|
| Applications: | ELISA, WB |
| Recommended Dilution: | WB,1:1000 - 1:2000 IF/ICC,1:100 - 1:400 ELISA,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| lsotype: | lgG |
| Clonality: | Monoclonal |
| Formulation: | PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3 |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 88kDa |
| 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 |

from the cytoplasm into the mitochondria. Multiple transport of long-chain fatty acyl-coAs 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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