# CPTI-M rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|---|---|---|---|
| A12989 | Rabbit | 1 mg/ml | 87801 |

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|---|---|
| **Applications** | WB,IHC,ELISA |
| **Reactivity** | Human |
| **Dilution** | WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. ELISA: 1:40000. Not yet tested in other applications. |
| **Storage** | -20°C/1 year |
| **Specificity** | CPTI-M Polyclonal Antibody detects endogenous levels of CPTI-M protein. |
| **Source / Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human CPT1B. AA range:401-450 |
| **Uniprot No** | Q92523 |
| **Alternative 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 |
| **Form** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Conjugation** | |
| **Background** | carnitine palmitoyltransferase 1B(CPT1B) Homo sapiens 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. [provided by RefSeq, Jun 2009], |
| **Other** | CPT1B, Carnitine O-palmitoyltransferase 1 muscle isoform |

**Produtc Images：**

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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