

CPT1B Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS12709**Specification**

CPT1B Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	O92523
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	88kDa KDa

CPT1B Antibody (C-Terminus) - Additional Information**Gene ID** 1375**Other Names**

Carnitine O-palmitoyltransferase 1, muscle isoform, CPT1-M, 2.3.1.21, Carnitine O-palmitoyltransferase I, muscle isoform, CPT I, CPTI-M, Carnitine palmitoyltransferase 1B, Carnitine palmitoyltransferase I-like protein, CPT1B, KIAA1670

Target/Specificity

Human CPT1B. This antibody is expected to recognise human isoforms a (NP_689452.1; NP_689451.1; NP_004368.1; NP_001138609.1; NP_001138607.1), isoform c (NP_001138606.1) and isoform d (NP_001138608.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CPT1B Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CPT1B Antibody (C-Terminus) - 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

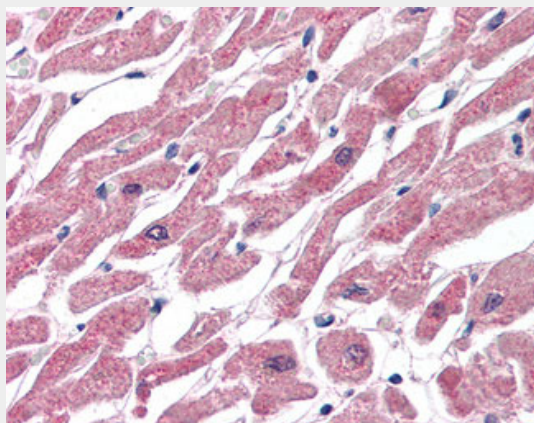
Tissue Location

Strong expression in heart and skeletal muscle. No expression in liver and kidney

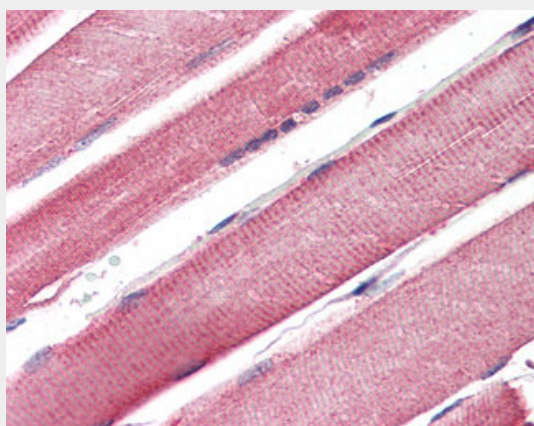
CPT1B Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CPT1B Antibody (C-Terminus) - Images

Anti-CPT1B antibody IHC of human heart.



Anti-CPT1B antibody IHC of human skeletal muscle.

CPT1B Antibody (C-Terminus) - References

Yamazaki N.,et al.Biochim. Biophys. Acta 1307:157-161(1996).
Zhu H.,et al.Arch. Biochem. Biophys. 347:53-61(1997).
Britton C.H.,et al.Genomics 40:209-211(1997).

van der Leij F.R.,et al.Biochim. Biophys. Acta 1352:123-128(1997).
Yamazaki N.,et al.FEBS Lett. 409:401-406(1997).