

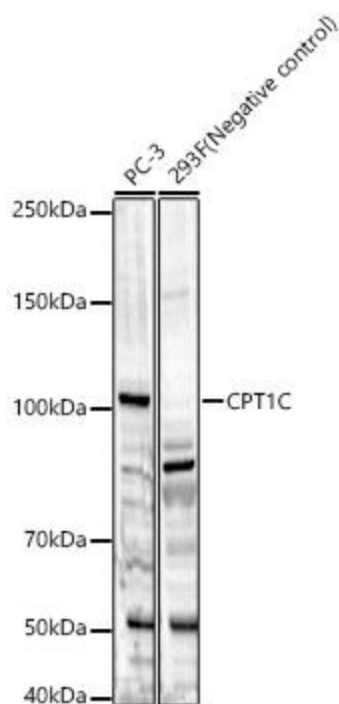


CPT1C Mouse mAb

Catalog No	YP-mAb-18567
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 270-400 of human CPT1C (NP_001129524.1).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:2000 - 1:8000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CATL1;CPT1P;CPTIC;SPG73;CPT1-B;CPTI-B;CPT1C;CPT1C CATL1;Carnitine O-palmitoyltransferase 1;brain isoform (CPT1-B) (CPT 1C) (Carnitine O-palmitoyltransferase I;brain isoform) (CPTI-B) (Carnitine palmitoyltransferase 1C)
Observed Band	102kDa
Calculated Molecular Weight	91kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein regulates the beta-oxidation and transport of long-chain fatty acids into mitochondria, and may play a role in the regulation of feeding behavior and whole-body energy homeostasis. Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene.
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of various lysates, using CPT1C Mouse pAb (A13849) at 1:7000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.