
Product Information

Product SKU:	CAB5307	Gene ID:	1374	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	88kDa	Conjugate:	Unconjugated
Calculated MW:	88kDa	Isotype:	IgG

Immunogen Information

Background:	The mitochondrial oxidation of long-chain fatty acids is initiated by the sequential action of carnitine palmitoyltransferase I (which is located in the outer membrane and is detergent-labile) and carnitine palmitoyltransferase II (which is located in the inner membrane and is detergent-stable), together with a carnitine-acylcarnitine translocase. CPT I is the key enzyme in the carnitine-dependent transport across the mitochondrial inner membrane and its deficiency results in a decreased rate of fatty acid beta-oxidation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Recommended Dilution:	WB,1:1000 - 1:5000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
Synonyms:	CPT1; CPT1-L; L-CPT1; CPT1A
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 520-720 of human CPT1A (NP_001867.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.