

CPT1A rabbit pAb

Catalog_no :	<u>AN3388</u>
Applications :	<u>WB</u>
Reactivity :	<u>Human, Mouse,Rat</u>
Category :	<u>抗原抗体</u>
Size :	<u>100µg/50µg/20µg</u>
Gene_name :	<u>CPT1A CPT1</u>
Protein_name :	<u>CPT1A</u>
Humangene_id	<u>1374</u>
:	
Humanswissprot	<u>P50416</u>
_no :	
Mousegene_id :	<u>12894</u>
Mouseswissprot	<u>P97742</u>
_no :	
Ratgene_id :	<u>25757</u>
Ratswissprot_no	<u>P32198</u>
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Immunogen :	<u>Synthesized peptide derived from human CPT1A</u>
Specificity :	<u>This antibody detects endogenous levels of CPT1A at Human/Mouse/Rat</u>
Formulation :	<u>Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.346% sodium azide.</u>
Source :	<u>Rabbit</u>
Dilution :	<u>WB 1:500-2000</u>
Purification :	<u>The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.</u>
Concentration :	<u>1 mg/ml</u>
Storage_stability	<u>-20°C/1 year</u>
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Other_name :	<u>Carnitine O-palmitoyltransferase 1, liver isoform (CPT1-L) (EC 2.3.1.21) (Carnitine O-palmitoyltransferase I, liver isoform) (CPT I) (CPTI-L) (Carnitine palmitoyltransferase 1A)</u>



Molecular Weight : 85KD

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. [provided by RefSeq, Jul 2008],
