

Recombinant

DGRmAb®

CPT1A (DGR15732) Rabbit mAb

db16113

Package : 10µL 20µL 50µL 100µL

Product Name : CPT1A (DGR15732) Rabbit mAb**Cat.No.:** db16113**Synonyms :** CPT1; CPT1-L; L-CPT1**Application :** WB, IHC-P, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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]

Immunogen

Recombinant protein of human CPT1A

Gene ID

1374

Swiss Prot

P50416

Synonyms

CPT1; CPT1-L; L-CPT1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, FC

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000
FC: 1:20-1:50**Calculated MW**

88 kDa

Observed MW

88 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15732

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

