

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 dilution**WB: 1:1000  
IHC-P: 1:200-1:1000  
FC: 1:20-1:50**Calculated MW**

88 kDa

**Observed MW**

88 kDa

**Host species**

Rabbit

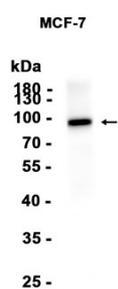
**Clonality**

Monoclonal

**Clonality No.**

DGR15732

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.



Western blot analysis of extracts from MCF-7 cells using db16113 at 1:1000.