

Recombinant

DGRmAb®

CPT1A (DGR15732) Rabbit mAb (PBS Only)

db16113-PBS

Package : 10µg 100µg

Product Name : CPT1A (DGR15732) Rabbit mAb (PBS Only)**Cat.No.:** db16113-PBS**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

Calculated MW

88 kDa

Observed MW

88 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15732

Isotype

IgG

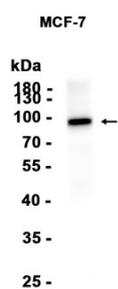
Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF-7 cells using [db16113](#) at 1:1000.