

# **CPT1A Recombinant Rabbit mAb**

Cata	log:	BS45801
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Host:

Rabbit

#### **Reactivity:** Human

# **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]

#### **Product:**

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.

**Molecular Weight:** 

88 kDa

**Swiss-Prot:** 

P50416

**Purification&Purity:** 

Affinity Purification

# **Applications:**

WB: 1:1000<br />IHC: 1:200<br />ICC/IF: 1:100<br />FC: 1:100<br />IP: 1:20

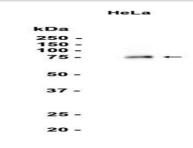
# **Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:** 

### IgG

### **DATA:**



Western blot analysis of extracts from HeLa cells using db12347 at

# 1:1000.

#### Note:

For research use only, not for use in diagnostic procedure.

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