CPT1A Antibody

PACO14285

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, IHC:1:25-1:100

Protein Background:

The mitochondrial oxidation of long-chain fatty acid, 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.

Gene ID:

CPT1A

Uniprot

P50416

Synonyms:

carnitine palmitoyltransferase 1A (liver)

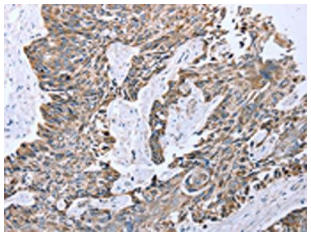
Immunogen:

Fusion protein of human CPT1A.

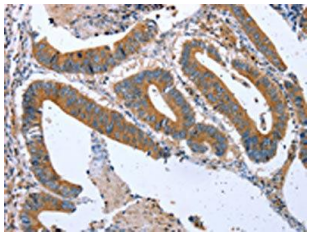
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO14285(CPT1A Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO14285(CPT1A Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).