

**pA95368Mu01**

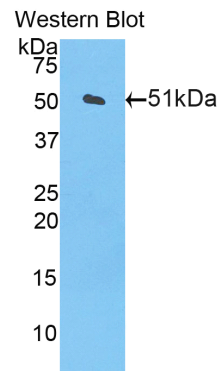
**Polyclonal Antibody to Carnitine Palmitoyltransferase 1A, Liver (CPT1A)**  
**Organism: Mus musculus (Mouse)**  
*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY  
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

**[ PRODUCT INFORMATION ]**




**Immunogen:** CPT1A, Mouse  
**Clonality:** Polyclonal  
**Host:** Rabbit  
**Immunoglobulin Type:** IgG  
**Purification:** Affinity Chromatography.  
**Applications:** WB, ICC, IHC-P, IHC-F, ELISA  
**Concentration:** 200µg/mL  
**UOM:** 100µg



*Sample: Recombinant CPT1A, Mouse*

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant CPT1A (Ala568~Lys773) expressed in *E.coli*.  
**USCN Accession No.:** rP95368Mu01  
**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.  
 MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL  
 DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD  
 VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGDHPPKSD  
 GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV  
 LFQGPLGSEF-AFI QLALQLAHYK DMGKFCLTYE ASMTRLFREG RTETVRSCTT  
 ESCNFVLAMM DPTTTAEQRF KLFKIACEKH QHLYRLAMTG AGIDRHLFCL YVYSKYLAVD  
 SPFLKEVLSE PWRLSTSQTP QQQVELDFE KYPDYVSCGG GFGPVADDGY GVSYIIVGEN  
 FIHFHISKF SSPETDSHRF GKHLRQAMMD IITLFGLTAN SKK

*Unique product Superb quality Client favorite Nicest service*  ISO9001:2008 ;  ISO13485:2003 ;  CE

## [ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against CPT1A. It has been selected for its ability to recognize CPT1A in immunohistochemical staining and western blotting.

## [ APPLICATIONS ]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant CPT1A (Ala568~Lys773) disposed in loading buffer.

**Usage:** 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.  
5uL per well when used in enhanced chemiluminescent (ECL).

**Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

**Loading Buffer:** 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN<sub>3</sub> 0.02%.

## [ STORAGE ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.