

A95368Hu01

Polyclonal Antibody to Carnitine Palmitoyltransferase 1A, Liver (CPT1A)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: CPT1A

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Human

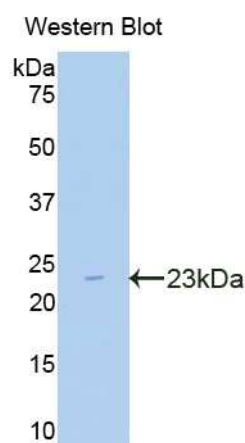
Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100µg



Sample: Recombinant human CPT1A

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant human CPT1A (Arg191~Leu353) expressed in *E.coli*.

Molecular Weight: 21.0kDa

USCN accession No.: P95368Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-RPLMKEEDFK RMTALAQDFA VGLGPRLQWY LKLKSWWATN
YVSDWWEEYI YLRGRGPLMV NSNYAMDLL YILPTHIQAA RAGNAIHAIL LYRRKLDREE
IKPIRLLGST IPLCSAQWER MFNTSRIPGE ETDTIQHMRD SKHIVVYHRG RYFKVWLYHD
GRL

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[ANTIBODY SPECIFICITY]

Anti CPT1A is a rabbit polyclonal antibody raised against human CPT1A. This antibody has been selected for its ability to recognize human CPT1A in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[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

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant human CPT1A (Arg191~Leu353) 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(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 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.

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