

## CPT1A antibody [HL1164]

**Cat. No. GTX636468**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P
<b>Reactivity</b>	Human, Mouse, Cat, Dog

**Package**  
100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 88 kDa.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human CPT1A. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

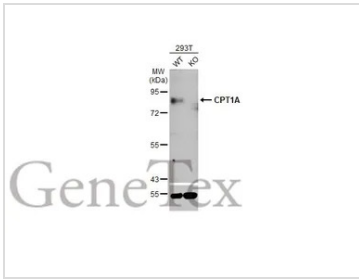
**Note** For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



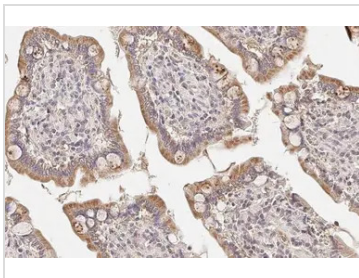
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



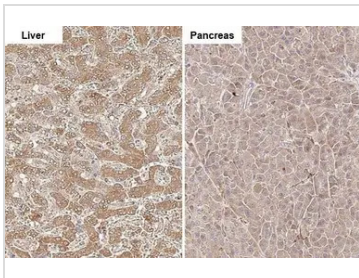
**GTX636468 WB Image**

Wild-type (WT) and CPT1A knockout (KO) 293T cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CPT1A antibody [HL1164] (GTX636468) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



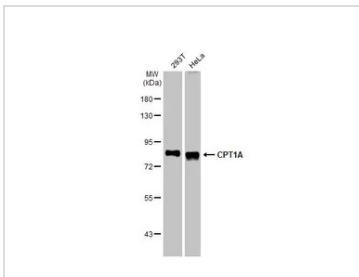
**GTX636468 IHC-P Image**

CPT1A antibody [HL1164] detects CPT1A protein at mitochondria by immunohistochemical analysis. Sample: Paraffin-embedded dog intestine. CPT1A stained by CPT1A antibody [HL1164] (GTX636468) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



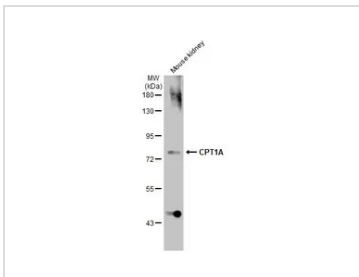
**GTX636468 IHC-P Image**

CPT1A antibody [HL1164] detects CPT1A protein at mitochondria by immunohistochemical analysis. Sample: Paraffin-embedded cat tissues. CPT1A stained by CPT1A antibody [HL1164] (GTX636468) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX636468 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CPT1A antibody [HL1164] (GTX636468) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX636468 WB Image**

Mouse tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with CPT1A antibody [HL1164] (GTX636468) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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