

# Product Datasheet

## CPT1B Antibody NB100-1057

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-1057****CPT1B Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	1375
Gene Symbol	CPT1B
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise human isoforms a (NP_689452.1; NP_689451.1; NP_004368.1; NP_001138609.1; NP_001138607.1), isoform c (NP_001138606.1) and isoform d (NP_001138608.1).
Immunogen	Peptide with sequence C-DIADLFQVPKAYS corresponding to C-Terminus according to NP_689452.1, NP_689451.1, NP_004368.1, NP_001138609.1, NP_001138607.1, NP_001138606.1, NP_001138608.1.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 3 - 5 ug/mL, Immunohistochemistry-Paraffin 3 - 5 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	Human heart shows staining of myocardial fibres in longitudinal section.

**Images**

Immunohistochemistry-Paraffin: CPT1B Antibody [NB100-1057] - (3.8ug/ml) staining of paraffin embedded Human Heart. Antibody at 3.8 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

**Publications**

Yamazaki N, Shinohara Y, Shima A et al. Isolation and characterization of cDNA and genomic clones encoding human muscle type carnitine palmitoyltransferase I. Biochim Biophys Acta 1996-06-07 [PMID: 8679700]



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### **Products Related to NB100-1057**

NBL1-09450	CPT1B Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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