## **Product Datasheet**

# CPT1B Antibody NB100-1057

Unit Size: 0.1 mg

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

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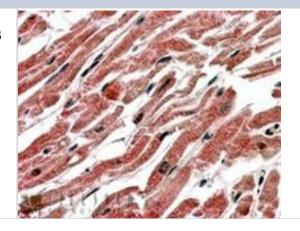
## NB100-1057

**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-Paraffin, Immunohistochemistry, 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**

Mire?tean CC, Iancu RI, Iancu DPT. et Al. Micro-RNAs, the Cornerstones of the Future of Radiobiology in Head and Neck Cancers? Curr Oncol 2022-02-02 [PMID: 35200568]

Aunapuu M, Kibur P, J□rveots T, Arend A. Changes in Morphology and Presence of Pinopodes in Endometrial Cells during the Luteal Phase in Women with Infertility Problems: A Pilot Study Medicina 2018-10-10 [PMID: 30344300]

Pusceddu S, Vernieri C, Di Maio M et al. Impact of Diabetes and Metformin Use on Enteropancreatic Neuroendocrine Tumors: Post Hoc Analysis of the CLARINET Study Cancers 2021-12-23 [PMID: 35008233]

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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#### 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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