

# Product Datasheet

## CPT1B Antibody - BSA Free

### NBP2-92666-0.1ml

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 2

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Updated 2/17/2026 v.20.1

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**NBP2-92666-0.1ml**

CPT1B Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit CPT1B Antibody - BSA Free (NBP2-92666) is a polyclonal antibody validated for use in IHC and WB. Anti-CPT1B Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1375
<b>Gene Symbol</b>	CPT1B
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 533-772 of human CPT1B (NP_004368.1). SYQVAKALADDVELYCFQFLPFGKGLIKKCRTPDAFVQIALQLAHFRDRGKFC LTYEASMTRMFREGRTETVRSCTSESTAFVQAMMEGSHTKADLRDLFQKAAK KHQNMRYRLAMTGAGIDRHLFCLYLVSXYLVSSPFLAEVLSEPWRLSTSQIPQ SQIRMFDPHQHPNHLGAGGGFGPVADDGYGVSYMIAGENTIFFHISSKFSSE TNAQRFGNHIRKALLDIADLFQVPKAYS

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:500, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

Western Blot: CPT1B Antibody - BSA Free [NBP2-92666] - Western blot analysis of lysates from Rat skeletal muscle, using CPT1B Rabbit pAb at 1:500 dilution.

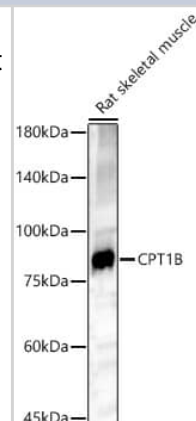
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

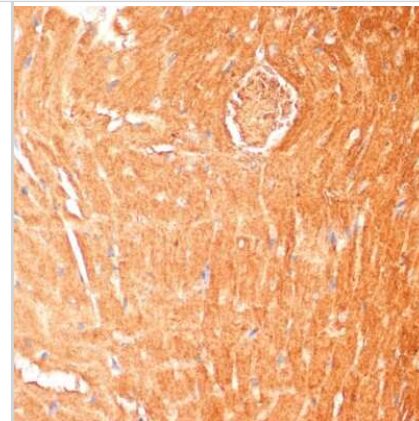
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

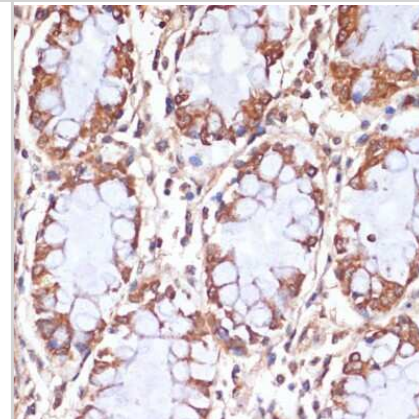
Exposure time: 180s.



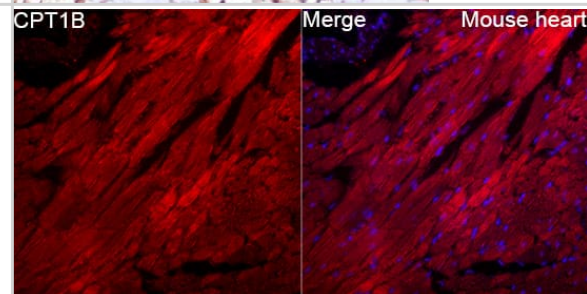
Immunohistochemistry-Paraffin: CPT1B Antibody [NBP2-92666] - Paraffin-embedded mouse heart using CPT1B .



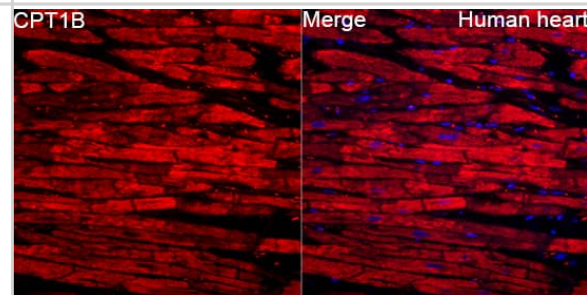
Immunohistochemistry-Paraffin: CPT1B Antibody [NBP2-92666] - Paraffin-embedded human colon using CPT1B .



Immunocytochemistry/ Immunofluorescence: CPT1B Antibody - BSA Free [NBP2-92666] - Immunofluorescence analysis of Mouse heart tissue using CPT1B Rabbit pAb at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: CPT1B Antibody - BSA Free [NBP2-92666] - Immunofluorescence analysis of Human heart tissue using CPT1B Rabbit pAb at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



## Publications

Berna Güven, Qiuyu Sun, Cory S Wagg, Amanda Almeida de Oliveira, Heidi Silver, Kaya L Persad, Arzu Onay-Besikci, Jennie Vu, Gavin Y Oudit, Gary D Lopaschuk Obesity Is a Major Determinant of Impaired Cardiac Energy Metabolism in Heart Failure with Preserved Ejection Fraction. The Journal of pharmacology and experimental therapeutics 2024-01-04 [PMID: 37977817]

Persad KL Contribution of Energy Metabolism to Cardiomyocyte Maturation Thesis 2023-01-01 (WB, Rat)





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### **Products Related to NBP2-92666-0.1ml**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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