

For Research Use Only

# CPT2 Polyclonal antibody

Catalog Number: 26555-1-AP

26 Publications



## Basic Information

Catalog Number:

26555-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24897

GenBank Accession Number:

BC002445

GeneID (NCBI):

1376

UNIPROT ID:

P23786

Full Name:

carnitine palmitoyltransferase 2

Calculated MW:

74 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:300-1:1200

IF 1:50-1:500

## Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse, bovine

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HEK-293T cells, mouse heart tissue, T-47D cells, MCF-7 cells, LNCaP cells, mouse liver tissue, rat liver tissue

IP : mouse liver tissue,

IHC : mouse heart tissue,

IF : C2C12 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Lihua Luo	34593005	J Nanobiotechnology	WB
Pablo Ranea-Robles	34651140	Kidney360	WB
Pablo Ranea-Robles	34564857	J Inherit Metab Dis	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

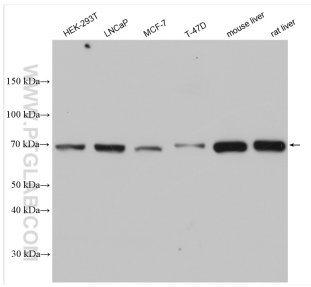
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

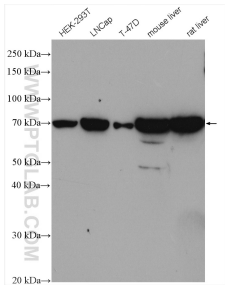
W: [ptgcn.com](http://ptgcn.com)

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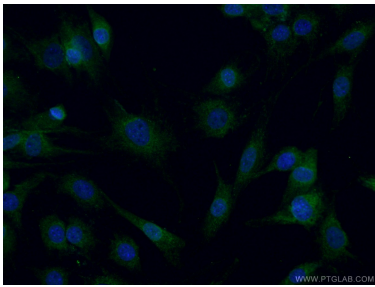
Selected Validation Data



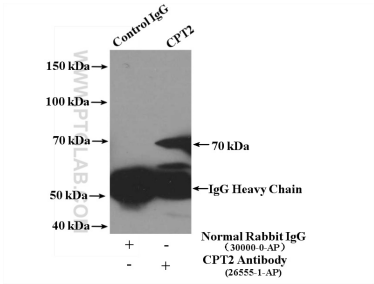
Various lysates were subjected to SDS PAGE followed by western blot with 26555-1-AP (CPT2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



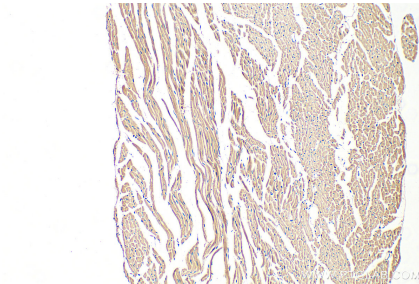
Various lysates were subjected to SDS PAGE followed by western blot with 26555-1-AP (CPT2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



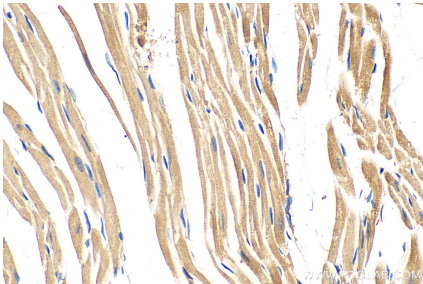
Immunofluorescent analysis of (4% PFA) fixed C2C12 cells using 26555-1-AP (CPT2 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-CPT2 (IP:26555-1-AP, 4ug; Detection:26555-1-AP 1:300) with mouse liver tissue lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 26555-1-AP (CPT2 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 26555-1-AP (CPT2 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).