

For Research Use Only

# DLAT Polyclonal antibody

Catalog Number: 13426-1-AP

Featured Product

71 Publications



## Basic Information

### Catalog Number:

13426-1-AP

### Concentration:

550 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4226

### GenBank Accession Number:

BC039084

### GeneID (NCBI):

1737

### UNIPROT ID:

P10515

### Full Name:

dihydrolipoamide S-acetyltransferase

### Calculated MW:

647 aa, 70 kDa

### Observed MW:

69-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

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

IHC 1:500-1:2000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, rabbit, monkey

**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** : HeLa cells, A431 cells, HepG2 cells, Jurkat cells, LNCaP cells, MCF-7 cells, HEK-293 cells

**IP** : HepG2 cells,

**IHC** : human liver cancer tissue, human colon cancer tissue, mouse kidney tissue

**IF/ICC** : HepG2 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Jinke Huang	36389705	Front Immunol	IHC
Hengshuai Zhang	34804174	Evid Based Complement Alternat Med	WB
Yan-Ru Cui	35397283	Phytomedicine	WB,IP

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

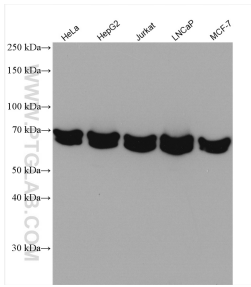
T: 4006900926

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

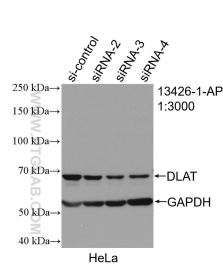
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

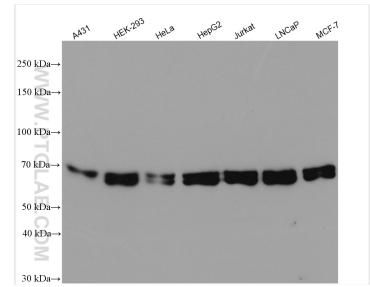
Selected Validation Data



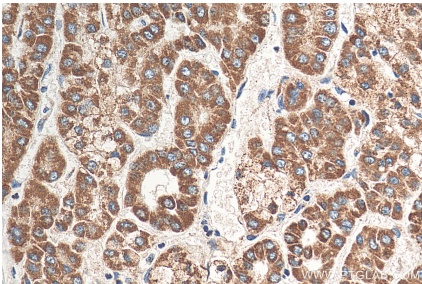
Various lysates were subjected to SDS PAGE followed by western blot with 13426-1-AP (DLAT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



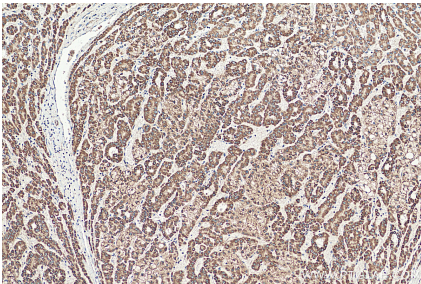
WB result of DLAT antibody (13426-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DLAT transfected HeLa cells.



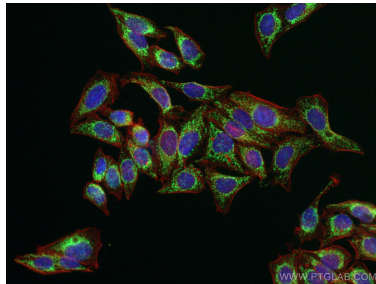
Various lysates were subjected to SDS PAGE followed by western blot with 13426-1-AP (DLAT antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



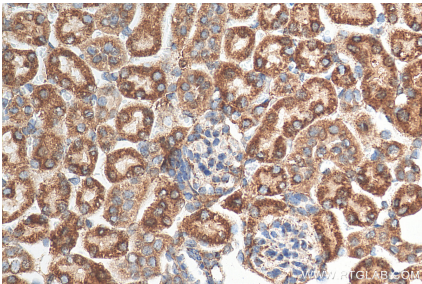
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



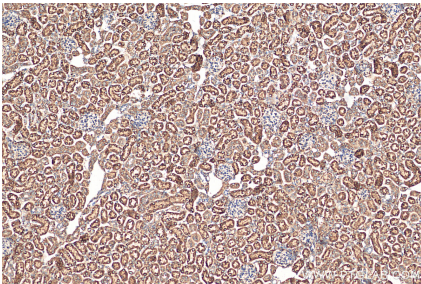
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



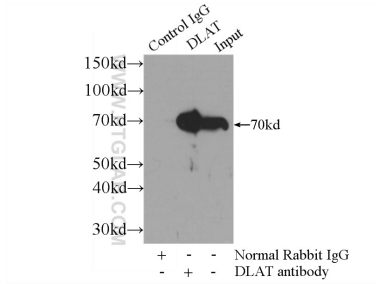
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DLAT antibody (13426-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



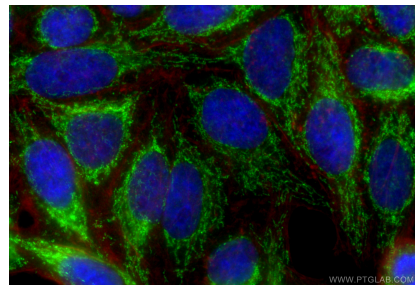
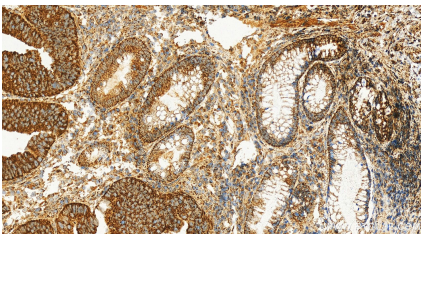
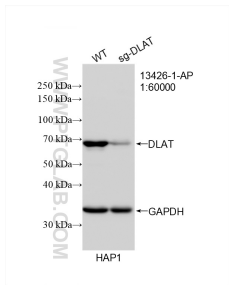
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DLAT (IP:13426-1-AP, 3ug; Detection:13426-1-AP 1:1000) with HepG2 cells lysate 2000ug.



WB result of DLAT antibody (13426-1-AP; 1:60000; room temperature for 1.5 hours) with wild-type and DLAT knockout HAP1 cells.

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DLAT antibody (13426-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).