

For Research Use Only

DLAT Polyclonal antibody

Catalog Number: 13426-1-AP

Featured Product

25 Publications



Basic Information

Catalog Number:

13426-1-AP

Size:

150ul, Concentration: 550 µg/ml by Nanodrop;

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

IF 1:50-1:500

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

WB, IP, IHC, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse, rabbit

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, mouse kidney tissue

IF: HepG2 cells,

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

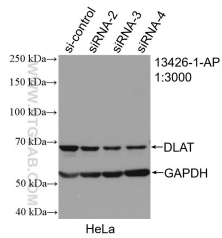
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

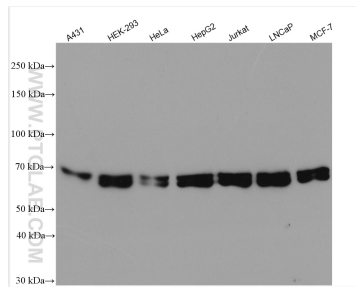
E: proteintech@ptglab.com
W: ptglab.com

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

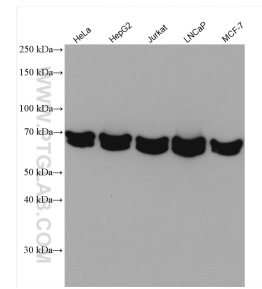
Selected Validation Data



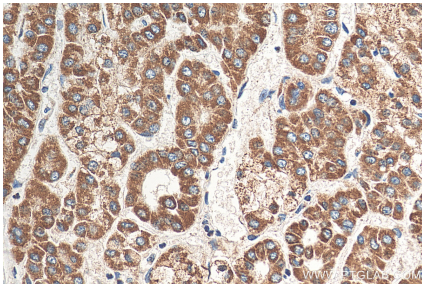
WB result of DLAT antibody (13426-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DLAT transfected HeLa cells.



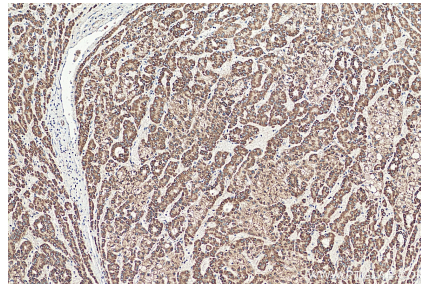
Various lysates were subjected to SDS PAGE followed by western blot with 13426-1-AP (DLAT antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



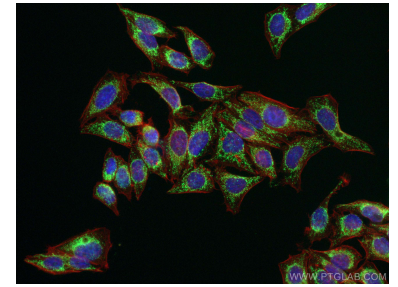
Various lysates were subjected to SDS PAGE followed by western blot with 13426-1-AP (DLAT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



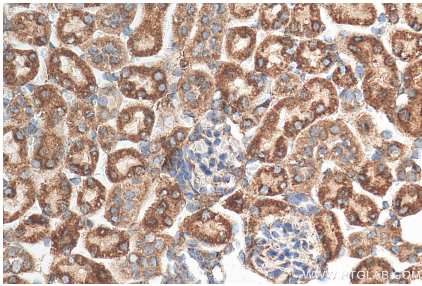
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



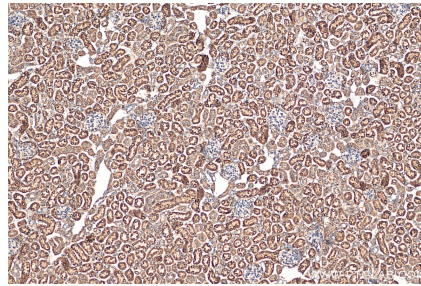
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



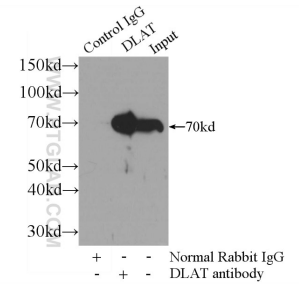
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DLAT antibody (13426-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



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.