

For Research Use Only

DLAT Polyclonal antibody

Catalog Number: 13426-1-AP

Featured Product

71 Publications



Basic Information

Catalog Number:

13426-1-AP

Size:

150ul, Concentration: 550 ug/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 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,

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

*** 20ul sizes contain 0.1% BSA

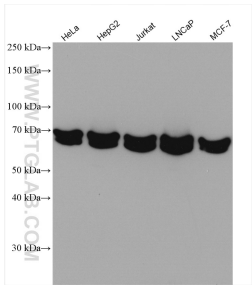
For technical support and original validation data for this product please contact:

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

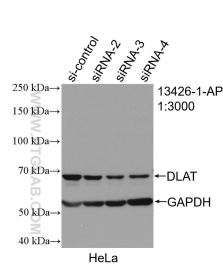
E: proteintech@ptglab.com
W: ptglab.com

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

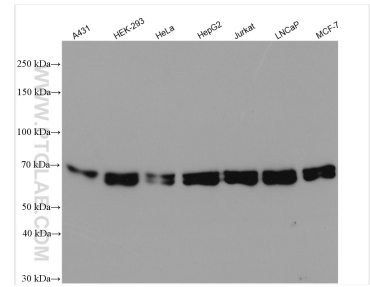
Selected Validation Data



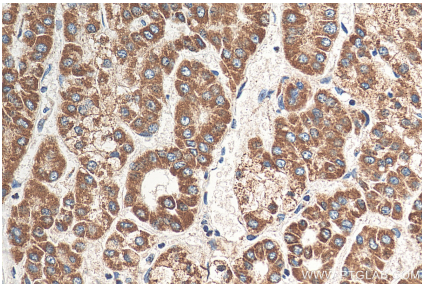
Various lysates were subjected to SDS PAGE followed by western blot with 13426-1-AP (DLAT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



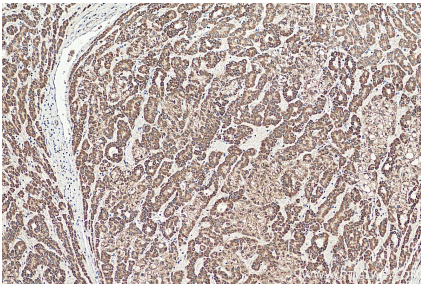
WB result of DLAT antibody (13426-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DLAT transfected HeLa cells.



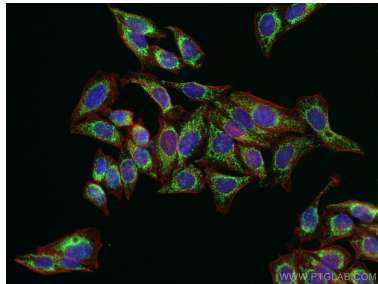
Various lysates were subjected to SDS PAGE followed by western blot with 13426-1-AP (DLAT antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



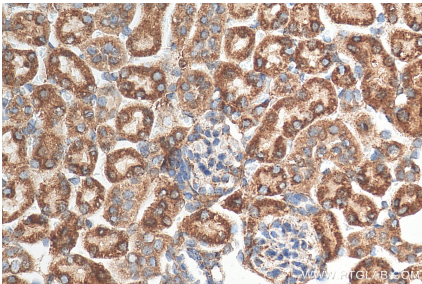
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



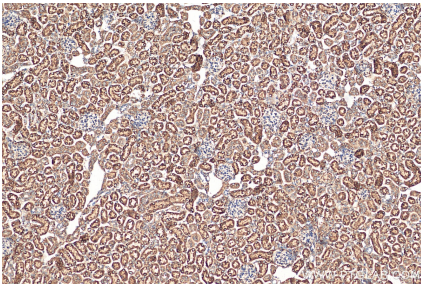
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



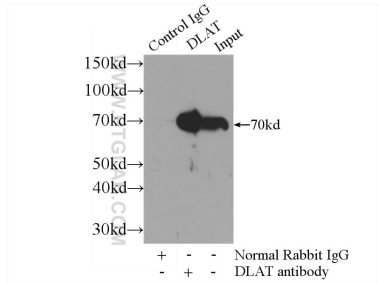
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DLAT antibody (13426-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



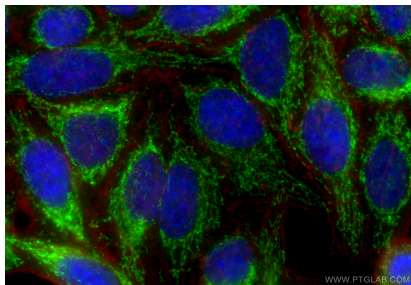
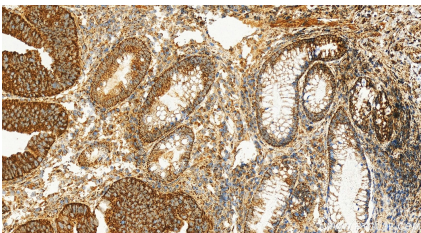
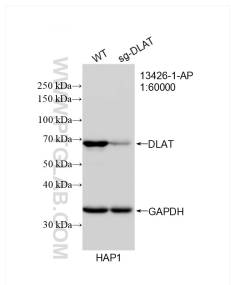
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13426-1-AP (DLAT antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).