

For Research Use Only

DLAT Monoclonal antibody

Catalog Number: 68303-1-Ig **2 Publications**



Basic Information

Catalog Number: 68303-1-Ig	GenBank Accession Number: BC039084	Purification Method: Protein A purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 1737	CloneNo.: 1F2B9
Source: Mouse	UNIPROT ID: P10515	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:1500-1:6000
Isotype: IgG2b	Full Name: dihydrolipoamide S-acetyltransferase	
Immunogen Catalog Number: AG4226	Calculated MW: 647 aa, 70 kDa	
	Observed MW: 69-70 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IF, IHC

Species Specificity:
Human, mouse, rat

Cited Species:
human

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 : HCT 116 cells, LNCaP cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, rat brain tissue, mouse brain tissue

IHC : human liver cancer tissue, mouse kidney tissue

IF : HepG2 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Wenlong Liang	38122883	Acta Biomater	IF
Kai Yao	37600770	Front Immunol	IHC

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**

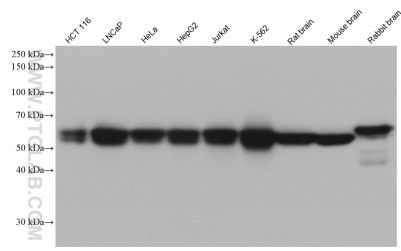
For technical support and original validation data for this product please contact:

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

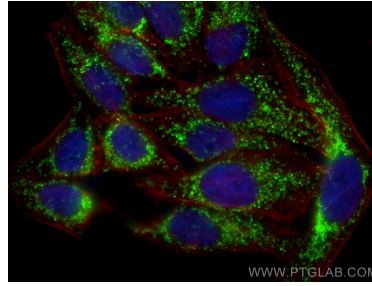
E: proteintech@ptglab.com
W: ptglab.com

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

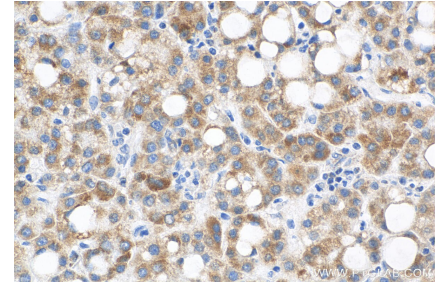
Selected Validation Data



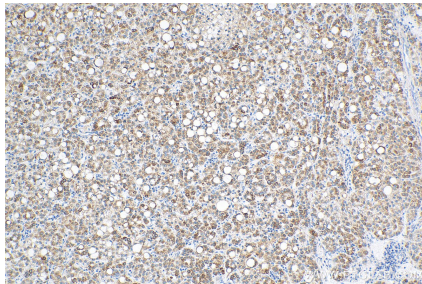
Various lysates were subjected to SDS PAGE followed by western blot with 68303-1-Ig (DLAT antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



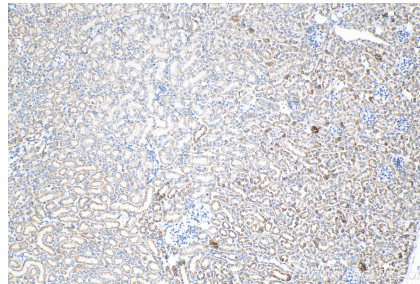
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DLAT antibody (68303-1-Ig, Clone: 1F2B9) at dilution of 1:3000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



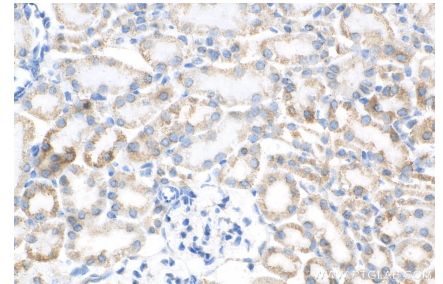
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68303-1-Ig (DLAT antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68303-1-Ig (DLAT antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 68303-1-Ig (DLAT antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 68303-1-Ig (DLAT antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).