

For Research Use Only

DLAT Recombinant antibody

Catalog Number: 83654-3-RR



Basic Information

Catalog Number: 83654-3-RR	GenBank Accession Number: BC039084	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 1737	CloneNo.: 240713C12
Source: Rabbit	UNIPROT ID: P10515	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: dihydrolipoamide S-acetyltransferase	
Immunogen Catalog Number: AG22831	Calculated MW: 647 aa, 70 kDa	
	Observed MW: 69-70 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, Jurkat cells, MCF-7 cells, LNCaP cells, mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IF/ICC : HepG2 cells,

Background Information

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:

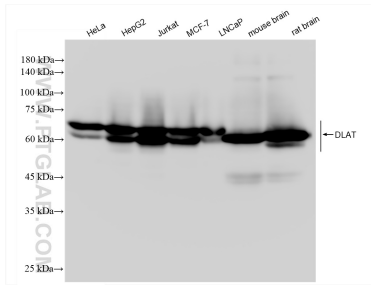
T: 4006900926

E: Proteintech-CN@ptglab.com

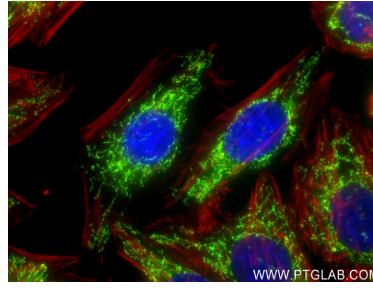
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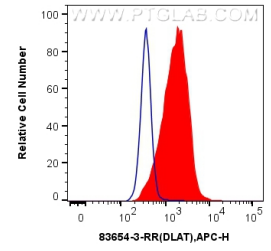
Selected Validation Data



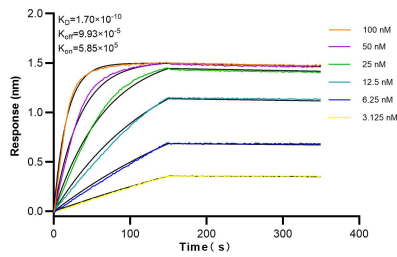
Various lysates were subjected to SDS PAGE followed by western blot with 83654-3-RR (DLAT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DLAT antibody (83654-3-RR, Clone: 240713C12) at dilution of 1:250 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1×10^6 HepG2 cells were intracellularly stained with 0.25 μ g DLAT Recombinant Antibody (83654-3-RR, Clone:240713C12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83654-3-RR against Human DLAT were performed. The affinity constant is 0.17 nM.