

For Research Use Only

DBT Polyclonal antibody

Catalog Number: 12451-1-AP **6 Publications**



Basic Information

Catalog Number: 12451-1-AP	GenBank Accession Number: BC016675	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 1629	Recommended Dilutions: WB 1:1500-1:6000 IF 1:200-1:800
Source: Rabbit	Full Name: dihydrolipoamide branched chain transacylase E2	
Isotype: IgG	Calculated MW: 482 aa, 53 kDa	
Immunogen Catalog Number: AG3101	Observed MW: 53 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: IP, WB	WB : HepG2 cells, mouse brain tissue, rat brain tissue, NCI-H1299 cells
Species Specificity: human, mouse, rat	IF : HepG2 cells,
Cited Species: human, mouse	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Danielle Murashige	36223763	Cell Metab	WB
Wing-Hang Tong	36061025	Heliyon	WB
Jamie E Blum	34383048	J Nutr	WB,IP

Storage

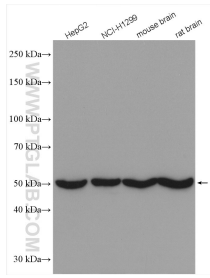
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

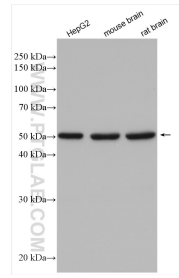
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

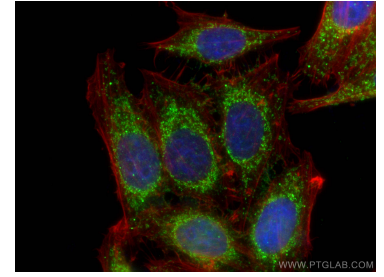
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12451-1-AP (DBT antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 12451-1-AP (DBT antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DBT antibody (12451-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).