

For Research Use Only

MCCC1 Polyclonal antibody

Catalog Number: 30081-1-AP



Basic Information

Catalog Number: 30081-1-AP	GenBank Accession Number: BC004187	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 56922	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)	
Isotype: IgG	Calculated MW: 76 kDa	
Immunogen Catalog Number: AG32459	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, mouse brain tissue, mouse heart tissue, rat brain tissue
Species Specificity: Human, mouse, rat	

Background Information

MCCC1 is the large subunit of 3-methylcrotonyl-CoA carboxylase. This enzyme functions as a heterodimer and catalyzes the carboxylation of 3-methylcrotonyl-CoA to form 3-methylglutaconyl-CoA. Mutations in this gene are associated with 3-Methylcrotonylglycinuria, an autosomal recessive disorder of leucine catabolism.

Storage

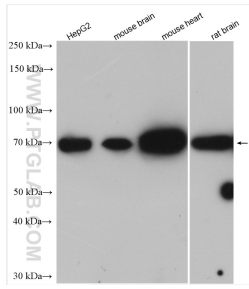
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30081-1-AP (MCCC1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.