

For Research Use Only

MCTP2 Polyclonal antibody

Catalog Number: 17578-1-AP



Basic Information

Catalog Number: 17578-1-AP	GenBank Accession Number: BC025708	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55784	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	Full Name: multiple C2 domains, transmembrane 2	
Isotype: IgG	Calculated MW: 878 aa, 100 kDa	
Immunogen Catalog Number: AG11089	Observed MW: 100 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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 : mouse liver tissue, human placenta tissue

IHC : human brain tissue,

Background Information

The MCTP2 (Multiple C2 domains with two transmembrane regions 2) is involved in intercellular signal transduction and synapse function. MCTP2 may be a genetic cause of CoA and related cardiac malformations.

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

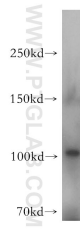
For technical support and original validation data for this product please contact:

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

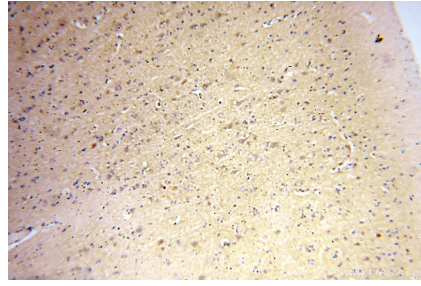
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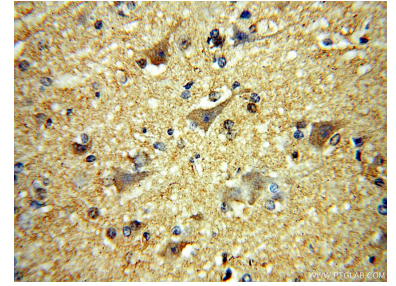
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 17578-1-AP (MCTP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 17578-1-AP (MCTP2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 17578-1-AP (MCTP2 antibody) at dilution of 1:100 (under 40x lens).