

For Research Use Only

# MCTP2 Polyclonal antibody

Catalog Number: 17578-1-AP

1 Publications



## Basic Information

Catalog Number:

17578-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11089

GenBank Accession Number:

BC025708

GeneID (NCBI):

55784

UNIPROT ID:

Q6DN12

Full Name:

multiple C2 domains, transmembrane

2

Calculated MW:

878 aa, 100 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:20-1:200

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, 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 : 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yudai Shimojukkoku	40425609	Sci Rep	WB,IHC

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

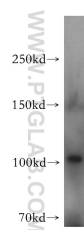
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

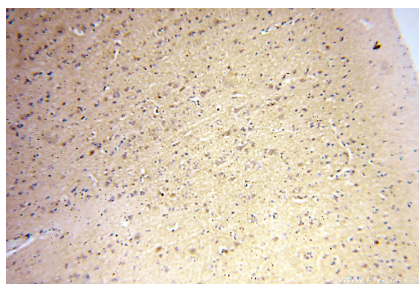
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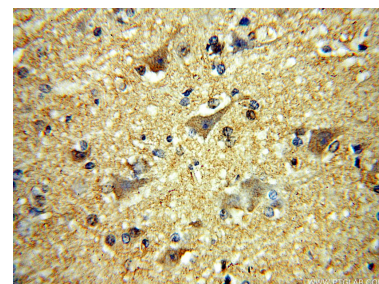
## Selected Validation Data



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).