

For Research Use Only

CHT1 Polyclonal antibody

Catalog Number: 21848-1-AP **2 Publications**



Basic Information

Catalog Number:

21848-1-AP

Concentration:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16136

GenBank Accession Number:

BC111525

GeneID (NCBI):

60482

UNIPROT ID:

Q9GZV3

Full Name:

solute carrier family 5 (choline transporter), member 7

Calculated MW:

580 aa, 63 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IF-P, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB: mouse brain tissue,

IP: mouse heart tissue,

IF-P: mouse brain tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Song	38461489	Adv Sci (Weinh)	IHC
Ilenia Severi	38141849	Mol Metab	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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

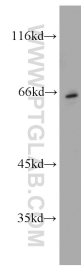
T: 4006900926

E: Proteintech-CN@ptglab.com

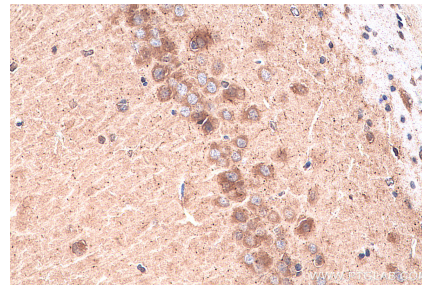
W: ptgcn.com

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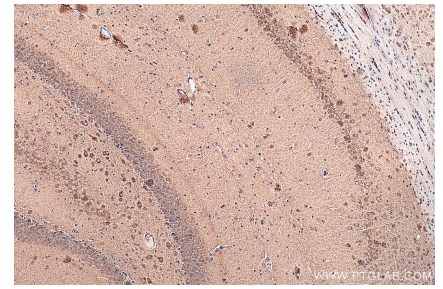
Selected Validation Data



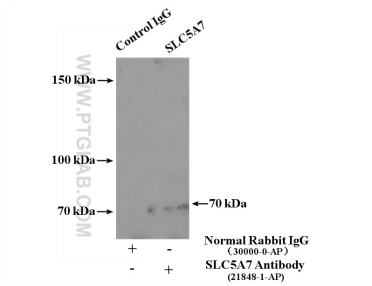
mouse brain tissue were subjected to SDS PAGE followed by western blot with 21848-1-AP (CHT1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



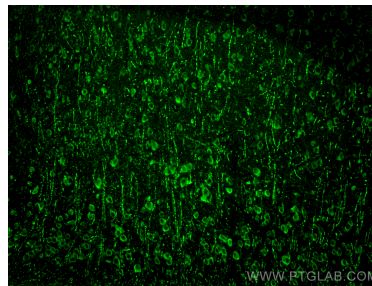
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 21848-1-AP (CHT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 21848-1-AP (CHT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-CHT1 (IP:21848-1-AP, 4ug; Detection:21848-1-AP 1:500) with mouse heart tissue lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CHT1 antibody (21848-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).