

For Research Use Only

GAT1 Polyclonal antibody

Catalog Number: 20298-1-AP



Basic Information

Catalog Number:

20298-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14109

GenBank Accession Number:

BC033904

GeneID (NCBI):

6529

UNIPROT ID:

P30531

Full Name:

solute carrier family 6
(neurotransmitter transporter, GABA),
member 1

Calculated MW:

67 kDa

Observed MW:

42 kDa, 67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

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: Neuro-2a cells, mouse testis tissue, rat testis
tissue

IHC: mouse cerebellum tissue,

Background Information

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:

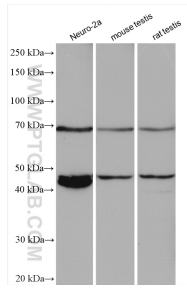
T: 4006900926

E: Proteintech-CN@ptglab.com

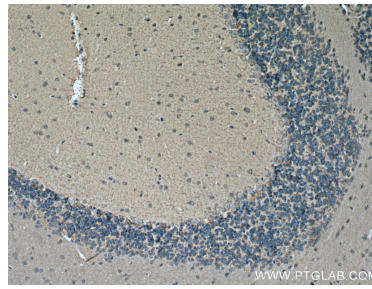
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20298-1-AP (GAT1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 20298-1-AP (GAT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).