

For Research Use Only

# GAT1 Polyclonal antibody

Catalog Number: 20298-1-AP

1 Publications



## Basic Information

### Catalog Number:

20298-1-AP

### Size:

150ul , Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### 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:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse , rat

### Cited Species:

mouse

**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,

## Notable Publications

Author	Pubmed ID	Journal	Application
Mei Rong	38867320	Chin Med	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

\*\*\* 20ul sizes contain 0.1% BSA

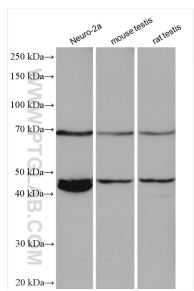
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## Selected Validation Data



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).