

## Rabbit GABA Transporter 1 Polyclonal Antibody | anti-GABT1 antibody

GABA Transporter 1 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA173788</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

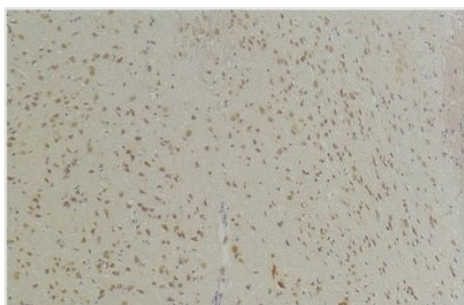
### PRODUCT SYNONYMS

GABA Transporter 1; Polyclonal Antibody; GABA Transporter 1 Polyclonal Antibody; SLC6A1; GABATR; GAT1; Sodium- and chloride-dependent GABA transporter 1; GAT-1; Solute carrier family 6 member 1; anti-GABT1 antibody

### PRODUCT SPECIFICATIONS

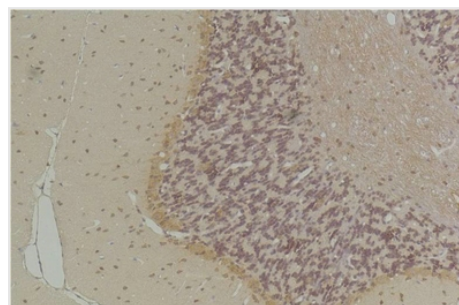
|                                                 |                                                                |
|-------------------------------------------------|----------------------------------------------------------------|
| Host                                            | Rabbit                                                         |
| Reactivity                                      | Human, Mouse, Rat                                              |
| Clonality                                       | Polyclonal                                                     |
| Isotype                                         | IgG                                                            |
| Purity/Purification                             | Affinity Purification                                          |
| Concentration                                   | 1mg/mL (varies by lot)                                         |
| Sequence Length                                 | 599                                                            |
| Applicable Applications for anti-GABT1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                  |
| Immunogen                                       | Synthetic Peptide                                              |
| Buffer                                          | PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4. |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze / thaw cycles.             |

### IMAGES



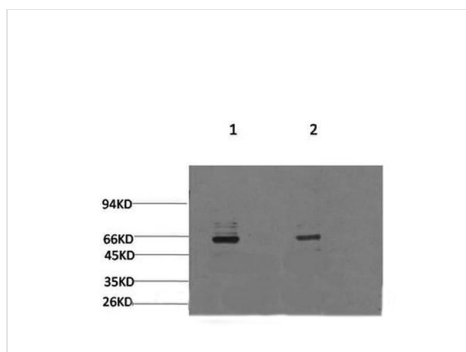
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain tissue using GABA Transporter 1 Polyclonal Antibody at dilution of 1:200.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue using GABA Transporter 1 Polyclonal Antibody at dilution of 1:200.



#### WB (Western Blot)

Western Blot analysis of 1) Mouse brain, 2) Rat brain using GABA Transporter 1 Polyclonal Antibody at dilution of 1:2000.

## ADDITIONAL INFORMATION

### Related Product Information for anti-GABT1 antibody

The SLC6A1 gene encodes a gamma-aminobutyric acid (GABA) transporter, which removes GABA from the synaptic cleft. The cDNA contained an open reading frame encoding a hydrophobic protein of 599 amino acids with a calculated molecular weight of 67, 022 daltons. Hydropathy analysis showed 12 potential transmembrane segments.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | <a href="#">1134612286</a>                                  |
| NCBI GeneID                      | <a href="#">6529</a>                                        |
| NCBI Accession #                 | <a href="#">NP_001335179.1</a>                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001348250.1</a>                              |
| UniProt Accession #              | <a href="#">P30531</a> ; <a href="#">Q8N4K8</a>             |
| Molecular Weight                 | 67kDa                                                       |
| NCBI Official Full Name          | sodium- and chloride-dependent GABA transporter 1 isoform a |
| NCBI Official Synonym Full Names | solute carrier family 6 member 1                            |
| NCBI Official Symbol             | SLC6A1                                                      |
| NCBI Official Synonym Symbols    | MAE; GAT1; GABATR; GABATHG                                  |
| NCBI Protein Information         | sodium- and chloride-dependent GABA transporter 1           |
| UniProt Protein Name             | Sodium- and chloride-dependent GABA transporter 1           |
| UniProt Gene Name                | <b>SLC6A1</b>                                               |
| UniProt Synonym Gene Names       | GABATR; GABT1; GAT1; GAT-1                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gaba-transporter-1-antibody-immunohistochemistry-western-blot-elisa/173788>