

# Anti-GABA Transporter (GAT) 1 Antibody

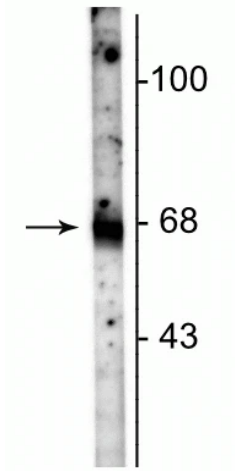


## Product Details

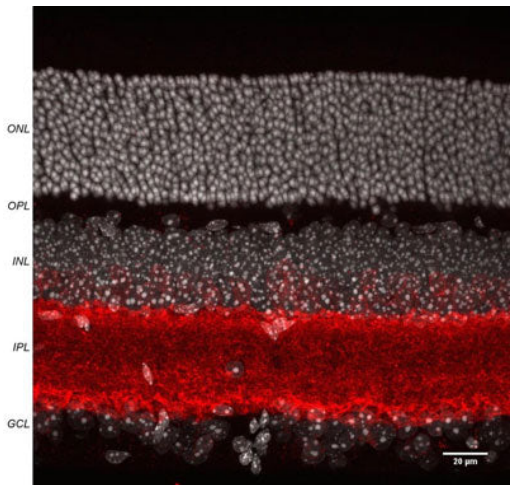
|                    |                                                                                                                                                                      |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:880-GAT1)<br>25 µL (SKU:880-GAT1t)                                                                                                                       |
| Conjugate          | Unconjugated                                                                                                                                                         |
| Isotype            | IgG                                                                                                                                                                  |
| Gene Name          | SLC6A1                                                                                                                                                               |
| Host Species       | Rabbit                                                                                                                                                               |
| Format             | Affinity Purified                                                                                                                                                    |
| Physical State     | Liquid                                                                                                                                                               |
| Buffer             | 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.                                                                                               |
| Production Notes   | Prepared from rabbit serum by affinity purification using a column to which the peptide immunogen was coupled.                                                       |
| Applications       | ELISA, IHC, WB                                                                                                                                                       |
| Dilution Ranges    | WB: 1:1000<br>WB Brain: 1:1000<br>IHC: 1:100-1:1000                                                                                                                  |
| Species Reactivity | Mouse, Rat                                                                                                                                                           |
| Immunogen          | Synthetic peptide corresponding to amino acid residues from the C-terminal region of rat GAT1, conjugated to keyhole limpet hemocyanin (KLH).                        |
| Specificity        | Specific for endogenous levels of the ~67 kDa GAT-1 protein. Immunolabeling is blocked by pre-adsorption of antibody with the peptide used to generate the antibody. |
| Molecular Weight   | 67 kDa                                                                                                                                                               |
| Quality Control    | Western blots performed on each lot.                                                                                                                                 |

|                             |                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>              | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.                 |
| <b>Antibody Registry ID</b> | AB_2492119                                                                                                                                                             |
| <b>UniProt ID</b>           | <u>P23978</u>                                                                                                                                                          |
| <b>Shipping</b>             | Blue Ice                                                                                                                                                               |
| <b>Expiration</b>           | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| <b>Usage Statement</b>      | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| <b>NCBI Gene ID</b>         | 79212                                                                                                                                                                  |

### Product Images



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~67 kDa GAT-1 protein.



Immunoflouresence of mouse retina specifically labeling GAT-1 protein (Cat. 880-GAT1, red, 1:500) in the inner plexiform layer (IPL). The white identifies nuclei stained with DAPI. The retina was fixed with 4% paraformaldehyde for 30 minutes, embedded in 5% agarose, and sliced into 60 micron thick slices with a vibratome. The image is a Z-stack taken from a confocal microscope. Image courtesy of Andrea Wellington, Assistant Research Scientist, University of Arizona Physiology Dept.

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**Product Page URL:** [www.antibodiesinc.com/products/anti-gaba-transporter-gat-1-antibody-880-gat1](http://www.antibodiesinc.com/products/anti-gaba-transporter-gat-1-antibody-880-gat1)



Created on 02. September 2026 | All information without guarantee