



RABBIT ANTI-GABA TRANSPORTER-3 (GAT-3) POLYCLONAL ANTIBODY

- CATALOG NUMBER:** AB1574
- LOT NUMBER:**
- QUANTITY:** 10 µg
- CONCENTRATION:** 0.1 mg/mL (after reconstitution)
- SPECIFICITY:** GABA Transporter-3 (GAT-3), C-terminus. No cross-reactivity to the C-termini of other transmitter transporters detected.
- IMMUNOGEN:** GAT-3, C-terminus (aa 607-627)
- APPLICATIONS:** Immunohistochemistry: 1:500-1:750 on 4% paraformaldehyde fixed tissue. It is recommended that the antibody is diluted in PBS containing 10% normal goat serum and 0.5% Triton X-100. AB1574 has been used for both light and electron microscopic studies of rat retina, cortex and hippocampus. Western blot: It has been reported that this antibody works for Western blot (3). Optimal working dilutions must be determined by the end user.
- SPECIES REACTIVITIES:** Rat and mouse.
- FORMAT:** Affinity purified antibody
- PRESENTATION:** Lyophilized from 0.1M PBS containing 1% BSA and 0.1% sodium azide. Reconstitute with 100 µL of sterile distilled water.
- STORAGE/HANDLING:** Maintain lyophilized material at 2-8°C for up to 12 months after date of receipt. After reconstitution maintain at -20°C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles.
- REFERENCES:**
- 1) *J. Comp. Neurology* (1996) **367**:595-606.
 - 2) *J. Comp. Neurology* (1996) **375**:212-224.
 - 3) *J. Neuroscience* (1996) **16**:6255-6264.
 - 4) *J. Neuroscience* (1997) **17**:6264-6276.
 - 5) *Neuroscience Letters* (1999) **266**:117-120.
 - 6) Calcagnotto, ME et al., *J Neuroscience* (2002) **22**:7596-7605.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.