# GABA T-1 Polyclonal Antibody

Cat #: ABP57594          Size: 30µl /100µl /200µl

## Product Information

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| | **Product Name:** GABA T-1 Polyclonal Antibody | | |
| | **Applications:** WB, ELISA | | **Isotype:** Rabbit IgG |
| | **Reactivity:** Human, Mouse, Rat | | |
| REF | **Catalog Number:** ABP57594 | LOT | **Lot Number:** Refer to product label |
| | **Formulation:** Liquid | | **Concentration:** 1 mg/ml |
| | **Storage:** Store at -20°C. Avoid repeated freeze / thaw cycles. | ⚠ | **Note:** Contain sodium azide. |

**Background:** SLC6A1 (Solute Carrier Family 6 Member 1) is a Protein Coding gene. Diseases associated with SLC6A1 include myoclonic-atonic epilepsy and myoclonic-astastic epilepsy. Among its related pathways are Circadian entrainment and Benzodiazepine Pathway, Pharmacodynamics. GO annotations related to this gene include neurotransmitter: sodium symporter activity and gamma-aminobutyric acid: sodium symporter activity. An important paralog of this gene is SLC6A4.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000-1:20000).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.
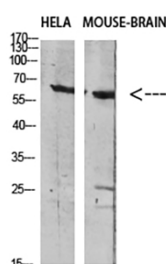


Fig.1. Western blot analysis of HELA Mouse-BRAIN Cell Lysate using antibody. Secondary antibody (catalog#: A21020) was diluted at 1:20000.
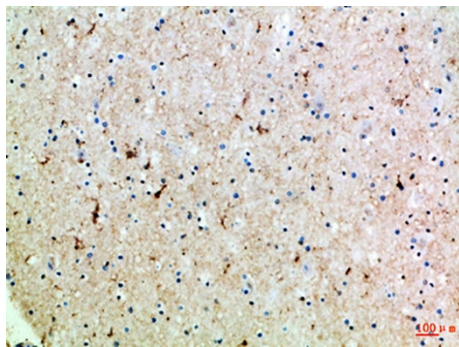
Fig.2. Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100.

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