

## *Anti-GAMT*

*(S-adenosylmethionine:guanidinoacetate N-methyltransferase, creatine synthetic enzyme)*

**Code Number** : GAMT-GP-Af400 (guinea pig, RRID : AB\_2571700)

**Size** : 20 µg and 50 µg / See label on vial  
(affinity-purified with antigen polypeptide)

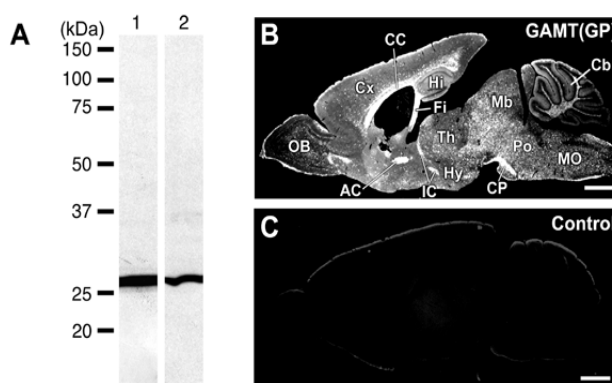
**Formulation** : Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.  
(affinity-purified with antigen polypeptide)

**Storage** : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

**Species** : guinea pig, polyclonal

**Antigen** : mouse GAMT, 1-236 aa  
(NM010255)

**Specificity**: mouse (others not tested)  
Immunoblot detects a single protein band at 27 kDa. This enzyme is enriched in oligodendroglia and astrocytes in the brain.



**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

**Research Use** : For research use only, not for use in diagnostic procedures.

**Reference** : Tachikawa, M., Fukaya, M., Terasaki, T., Ohtsuki, S., Watanabe, M. (2004) Distinct cellular expressions of creatine synthetic enzyme GAMT and creatine kinases uCK-Mi and CK-B suggest novel neuron-glia relationship for brain energy homeostasis. *Eur. J. Neurosci.*, 20:144-160.