

Product datasheet for TA356155

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.comtechsupport@origene.com

OriGene Technologies, Inc.

EU: info-de@origene.com CN: techsupport@origene.cn

GAMT Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N-terminal region of Human

GAMT

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish

Homology: Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 100%;

Rat: 100%; Zebrafish: 79%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 29kDa

Gene Name: guanidinoacetate N-methyltransferase

Database Link: NP 620279

Entrez Gene 2593 Human

Q14353-2



GAMT Rabbit Polyclonal Antibody - TA356155

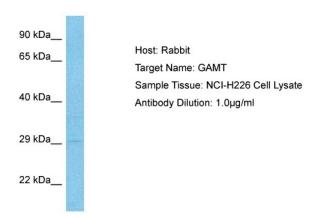
Background: The protein encoded by this gene is a methyltransferase that converts guanidoacetate to

creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and accumulation of guanidinoacetate in the brain of affected individuals. Two transcript variants encoding different isoforms have been described for this gene.

Pseudogenes of this gene are found on chromosomes 2 and 13.

Synonyms: PIG2; TP53I2

Product images:



Host: Rabbit Target Name: GAMT

Sample Type: NCI-H226 Whole Cell lysates

Antibody Dilution: 1.0ug/ml