

GAMT

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 26kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human GAMT

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PIG2; CCDS2; TP53I2; HEL-S-20;

Catalog #: A6597

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2593

Isotype: IgG

Swiss Prot: Q14353

Purity: Affinity purification

For research use only.

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.

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