

GAMT Polyclonal Antibody

Catalog No.	A6597	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	29kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	26kDa/29kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-236 of human GAMT (NP_000147.1).
Gene ID	2593
Swiss prot	Q14353
Synonyms	GAMT; CCDS2; HEL-S-20; PIG2; TP53I2; guanidino acetate N-methyltransferase

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

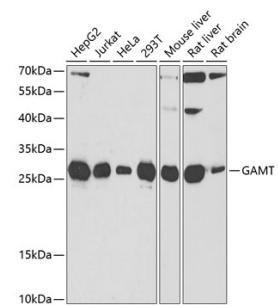
Background

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.

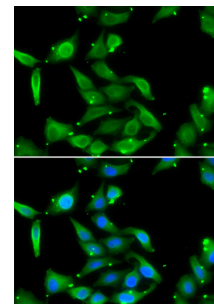
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - GAMT Polyclonal Antibody (A6597)



Immunofluorescence - GAMT Polyclonal Antibody (A6597)