AssayGenie

CAB6597

Product Information

Product SKU:	CAB6597	Gene ID:	2593	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity :	Human, Mouse, Rat

Additional Information

Observed MW:	29kDa	Conjugate:	Unconjugated
Calculated MW:	26kDa	lsotype:	lgG

Immunogen Information

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 Dilution:	WB,1:500 - 1:2000 IHC-P,1:100 - 1:500 IF/ICC,1:50 - 1:200
Synonyms:	PIG2; CCDS2; TP53I2; HEL-S-20; GAMT
Purifcation Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-236 of human GAMT (NP_000147.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.