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Product datasheet for TA329508

GAMT Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GAMT antibody: synthetic peptide directed towards the middle region of human GAMT. Synthetic peptide located within the following region: PGEGPFLTPWVGWTVLVHLEIKVLCLAQWLPGAVAQVYNPSTVEGRGGQI
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.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	guanidinoacetate N-methyltransferase
Database Link:	NP_620279 Entrez Gene 2593 Human Q14353
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. [provided by RefSeq, Feb 2012]

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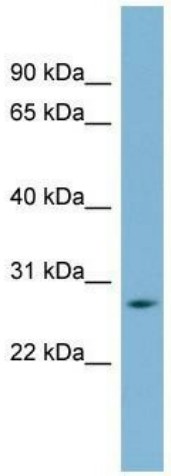
Synonyms:	CCDS2; HEL-S-20; PIG2; TP53I2
Note:	Immunogen sequence homology: Human: 100%
Protein Families:	Druggable Genome
Protein Pathways:	Arginine and proline metabolism, Glycine, serine and threonine metabolism, Metabolic pathways

Product images:



WB Suggested Anti-GAMT Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Thymus