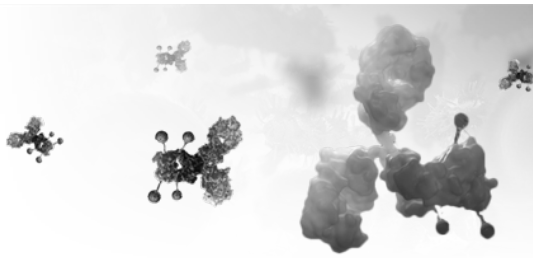

Anti-GAMT polyclonal antibody (DPAB-TJ085H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	GAMT converts the latter to creatine with S-adenosylmethionine as the methyl donor. GAMT was induced in human and mouse cells in response to genotoxic and metabolic stress. GAMT was required for p53-dependent upregulation of creatine biosynthesis, fatty acid oxidation, and apoptosis in response to glucose deprivation.
Immunogen	GAMT GST fusion protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA, WB, IHC
Concentration	43 μg/150 μl
Size	150 μl
Buffer	PBS with 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide
Storage	Store at -20°C.

GENE INFORMATION

Gene Name	GAMT guanidinoacetate N-methyltransferase [Homo sapiens (human)]

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Official Symbol	GAMT
Synonyms	GAMT; guanidinoacetate N-methyltransferase; PIG2; CCDS2; TP53I2; HEL-S-20
Entrez Gene ID	2593
Protein Refseq	NP_000147.1
UniProt ID	Q14353
Chromosome Location	19p13.3
Pathway	Arginine and proline metabolism; Creatine metabolism; Creatine pathway; Glycine, serine and threonine metabolism
Function	methyltransferase activity; guanidinoacetate N-methyltransferase activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221