

Rabbit GAMT Polyclonal Antibody | anti-GAMT antibody

GAMT Polyclonal Antibody

CATALOG # AAA174099	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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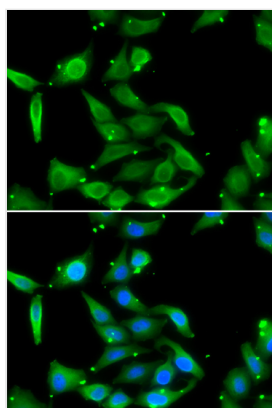
PRODUCT SYNONYMS

GAMT; Polyclonal Antibody; GAMT Polyclonal Antibody; CCDS2; Epididymis secretory protein Li 20; Guanidinoacetate N methyltransferase; Guanidinoacetate N-methyltransferase; HEL-S-20; PIG2; TP53I2; anti-GAMT antibody

PRODUCT SPECIFICATIONS

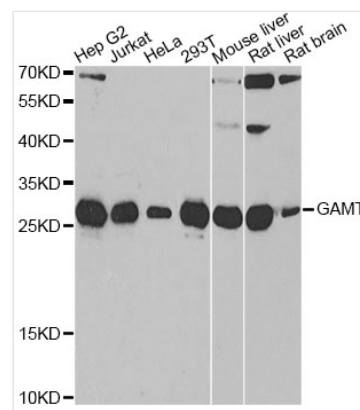
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	269
Applicable Applications for anti-GAMT antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human GAMT
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using GAMT antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GAMT antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GAMT antibody	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.
Product Categories/Family for anti-GAMT antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503909
NCBI GeneID	2593
NCBI Accession #	NP_000147.1
NCBI GenBank Nucleotide #	NM_000156.5
UniProt Accession #	Q14353; Q53Y34; Q8WVJ1; A8K0A0
Molecular Weight	Calculated: 26kDa; 29kDa Observed: 29kDa
NCBI Official Full Name	guanidinoacetate N-methyltransferase isoform a
NCBI Official Synonym Full Names	guanidinoacetate N-methyltransferase
NCBI Official Symbol	GAMT
NCBI Official Synonym Symbols	PIG2; CCDS2; TP53I2; HEL-S-20
NCBI Protein Information	guanidinoacetate N-methyltransferase
UniProt Protein Name	Guanidinoacetate N-methyltransferase
UniProt Gene Name	GAMT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gamt-antibody-immunofluorescence-western-blot-elisa/174099>