

Rabbit anti-Human GAMT Polyclonal Antibody | anti-GAMT antibody

GAMT antibody

CATALOG # AAA305085	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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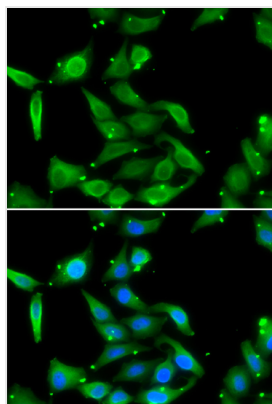
PRODUCT SYNONYMS

GAMT; Polyclonal Antibody; GAMT antibody; PIG2; CCDS2; TP53I2; HEL-S-20; anti-GAMT antibody

PRODUCT SPECIFICATIONS

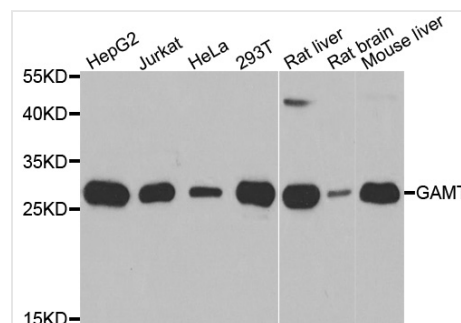
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GAMT antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	236
Applicable Applications for anti-GAMT antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GAMT.
Target Name	GAMT
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using GAMT antibody. Blue: DAPI for nuclear staining.



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	Total protein Ab

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	29,377 Da
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
UniProt Entry Name	GAMT_HUMAN

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/305085>