

Rabbit GATM Polyclonal Antibody | anti-GATM antibody

GATM antibody

CATALOG # AAA303123	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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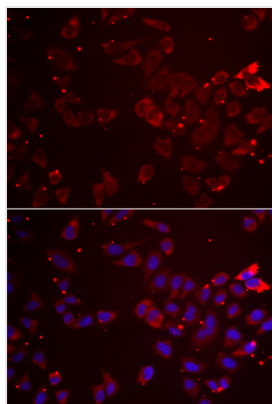
PRODUCT SYNONYMS

GATM; Polyclonal Antibody; GATM antibody; AT; AGAT; CCDS3; anti-GATM antibody

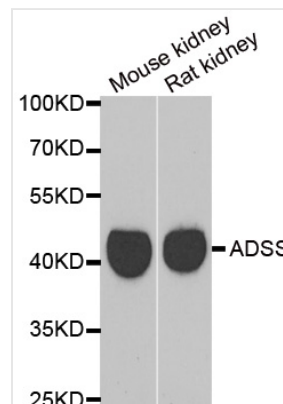
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GATM 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	423
Applicable Applications for anti-GATM antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GATM.
Target Name	GATM
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using GATM antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-GATM antibody	This gene encodes a mitochondrial enzyme that belongs to the amidinotransferase family. This enzyme is involved in creatine biosynthesis, whereby it catalyzes the transfer of a guanido group from L-arginine to glycine, resulting in guanidinoacetic acid, the immediate precursor of creatine. Mutations in this gene cause arginine:glycine amidinotransferase deficiency, an inborn error of creatine synthesis characterized by mental retardation, language impairment, and behavioral disorders.
Product Categories/Family for anti-GATM antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503933
NCBI GeneID	2628
NCBI Accession #	NP_001473.1
NCBI GenBank Nucleotide #	NM_001482.2
UniProt Accession #	P50440; Q53EQ4; B4DH99; B4DPI3
Molecular Weight	44,943 Da
NCBI Official Full Name	glycine amidinotransferase, mitochondrial
NCBI Official Synonym Full Names	glycine amidinotransferase (L-arginine:glycine amidinotransferase)
NCBI Official Symbol	GATM
NCBI Official Synonym Symbols	AT; AGAT; CCDS3
NCBI Protein Information	glycine amidinotransferase, mitochondrial
UniProt Protein Name	Glycine amidinotransferase, mitochondrial
UniProt Gene Name	GATM
UniProt Synonym Gene Names	AGAT
UniProt Entry Name	GATM_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/gatm-antibody-immunofluorescence-western-blot-elisa/303123>