

Rabbit GATM Polyclonal Antibody | anti-GATM antibody

GATM Polyclonal Antibody

CATALOG # AAA171879	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Applicable Applications for anti-GATM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GATM
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-241785
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



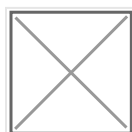
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using GATM antibody at dilution of 1:100 (x400 lens).



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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41054746
NCBI GeneID	266799
NCBI Accession #	NP_955825.1
NCBI GenBank Nucleotide #	NM_199531.1
Molecular Weight	Calculated MW: 48kDa
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	cb409; zgc:65855; wu:fa08a06
NCBI Protein Information	glycine amidinotransferase, mitochondrial
UniProt Protein Name	Glycine amidinotransferase, mitochondrial
UniProt Gene Name	gatm
UniProt Entry Name	GATM_DANRE

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-immunohistochemistry-western-blot-elisa/171879>