

Rabbit anti-Human, Mouse Glycine amidinotransferase Polyclonal Antibody | anti-GATM antibody

Rabbit anti-human Glycine amidinotransferase, mitochondrial polyclonal Antibody(GATM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119670	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

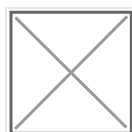
PRODUCT SYNONYMS

Glycine amidinotransferase; Polyclonal Antibody; Rabbit anti-human Glycine amidinotransferase; mitochondrial polyclonal Antibody(GATM); L-arginine:glycine amidinotransferase; Transaminidase; GATM; AGAT; anti-GATM antibody

PRODUCT SPECIFICATIONS

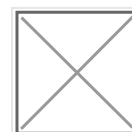
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	423
Applicable Applications for anti-GATM antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Glycine amidinotransferase, mitochondrial protein (124-423aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-241785
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



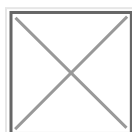
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119670 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using AAA119670 at dilution 1:100



WB (Western Blot)

All lanes: Glycine amidinotransferase, mitochondrial antibody at 2ug/ml+mouse kidney tissue
Secondary Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 49,45 kDa
Observed band size: 48 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GATM antibody	Catalyzes the biosynthesis of guanidinoacetate, the immediate precursor of creatine. Creatine plays a vital role in energy metabolism in muscle tissues. May play a role in embryonic and central nervous system development. May be involved in the response to heart failure by elevating local creatine synthesis.
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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
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/glycine-amidinotransferase-antibody-immunohistochemistry-western-blot-elisa/119670>