

Rabbit GATM Polyclonal Antibody | anti-GATM antibody

GATM Antibody (N-term)

CATALOG # AAA284884	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Monkey, Mouse, Pig, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

GATM; Polyclonal Antibody; GATM Antibody (N-term); Glycine amidinotransferase; mitochondrial; L-arginine:glycine amidinotransferase; Transaminidase; AGAT; anti-GATM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Monkey, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GATM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-84 amino acids from the N-terminal region of human GATM.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	58-84
Sequence Length	391
Applicable Applications for anti-GATM antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

GATM antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GATM antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

GATM Antibody (N-term) western blot analysis in HL-60(lane 1),MDA-MB453(lane 2),K562(lane 3) cell line lysates (35ug/lane).This demonstrates the GATM antibody detected the GATM protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-GATM antibody	Metabolism; Signal Transduction
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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	48455
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-immunohistochemistry-western-blot-elisa/284884>