

AGAT Polyclonal Antibody | anti-GATM antibody

Anti-AGAT Antibody

CATALOG # AAA261901	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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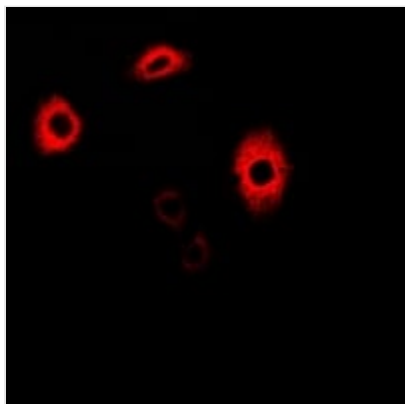
PRODUCT SYNONYMS

AGAT; Polyclonal Antibody; Anti-AGAT Antibody; Glycine amidinotransferase; mitochondrial; L-arginine:glycine amidinotransferase; Transaminidase; anti-GATM antibody

PRODUCT SPECIFICATIONS

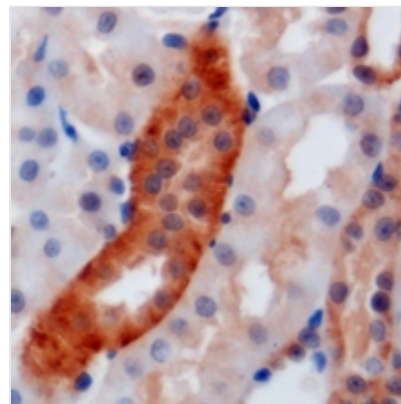
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AGAT protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	423
Applicable Applications for anti-GATM antibody	WB (Western Blot)
Source	Rabbit
Immunogen	Recombinant full length protein of human AGAT
Preparation and Storage	Upon receipt, aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



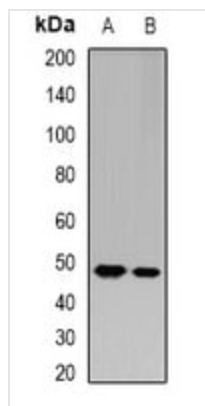
IF (Immunofluorescence)

Immunofluorescent analysis of AGAT staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of AGAT staining in mouse kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of AGAT expression in mouse kidney (A), rat kidney (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GATM antibody

Rabbit polyclonal antibody to AGAT

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
NCBI Official Full Name	glycine amidinotransferase, mitochondrial isoform 1
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://www.aaabiotech.com/polyclonal/agat-antibody-western-blot-elisa/261901>