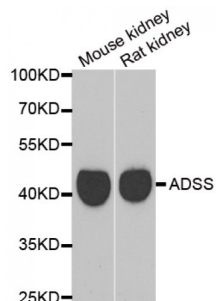


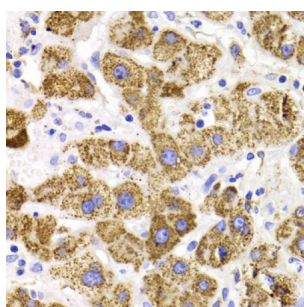
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Glycine Amidinotransferase (GATM) Antibody

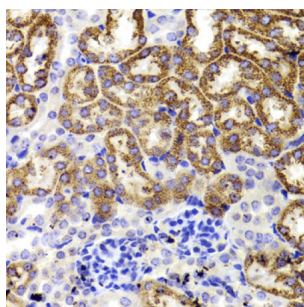
Catalogue No.: abx005060



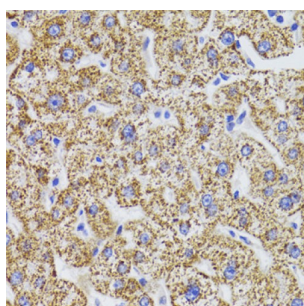
Western blot analysis of extracts of various cell lines, using GATM antibody (abx005060) at 1/1000 dilution.



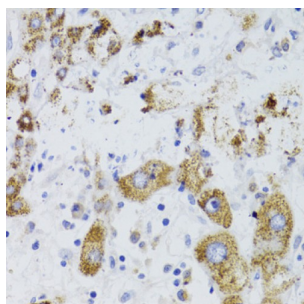
Immunohistochemistry of paraffin-embedded human liver cancer using GATM Antibody (abx005060) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using GATM Antibody (abx005060) at dilution of 1/100 (40x lens).

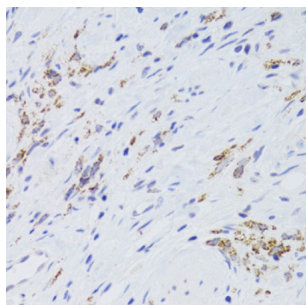


Immunohistochemistry of paraffin-embedded human liver using GATM Antibody (abx005060) at dilution of 1/100 (40x lens).

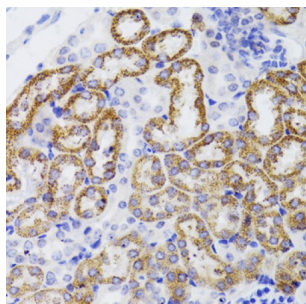


Immunohistochemistry of paraffin-embedded human liver cancer using GATM Antibody (abx005060) at dilution of 1/100 (40x lens).

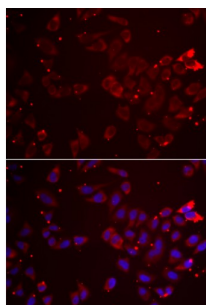
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Immunohistochemistry of paraffin-embedded human gastric cancer using GATM Antibody (abx005060) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using GATM Antibody (abx005060) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of A549 cells using GATM antibody (abx005060). Blue: DAPI for nuclear staining.

GATM Antibody is a Rabbit Polyclonal antibody against GATM. 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.

Target:	GATM
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

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Immunogen:	Recombinant protein of human GATM.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 44 kDa/48 kDa Observed MW: 43 kDa
Swiss Prot:	P50440
GeneID:	2628
Gene Symbol:	GATM
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.