

GAMT antibody

Catalog No: #39033



Package Size: #39033-1 50ul #39033-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

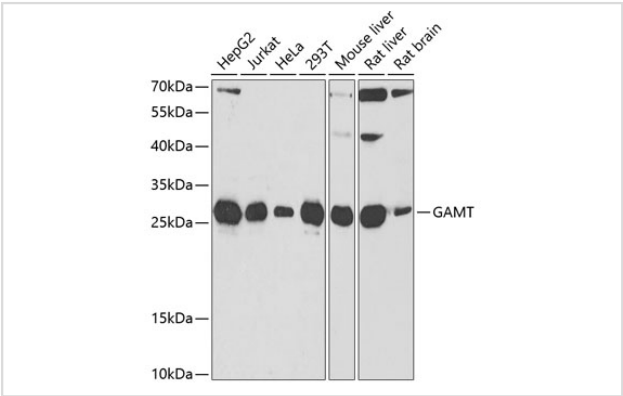
Description

Product Name	GAMT antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total GAMT protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human GAMT (NP_000147.1).
Target Name	GAMT
Other Names	GAMT;CCDS2;HEL-S-20;PIG2;TP53I2
Accession No.	Uniprot:Q14353GeneID:2593
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GeneID	2593
SDS-PAGE MW	29kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

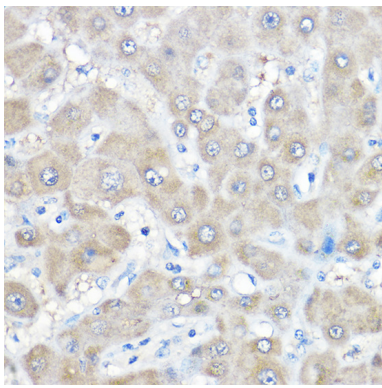
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

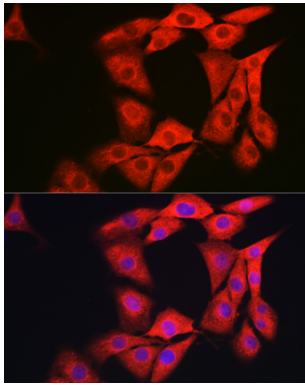
Images



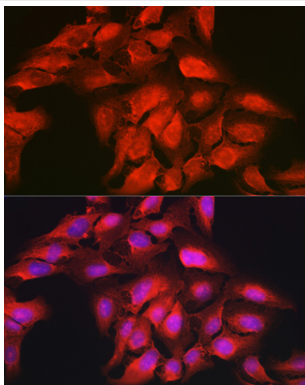
Western blot analysis of extracts of various cell lines, using GAMT antibody.



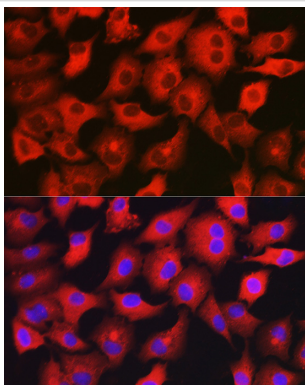
Immunohistochemistry of paraffin-embedded human liver using GAMT Rabbit pAb.



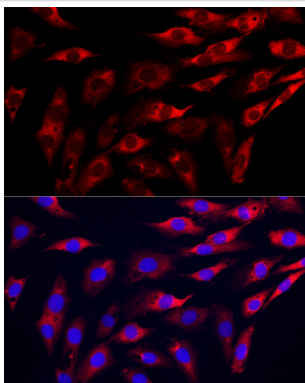
Immunofluorescence analysis of NIH-3T3 cells using GAMT Rabbit pAb.



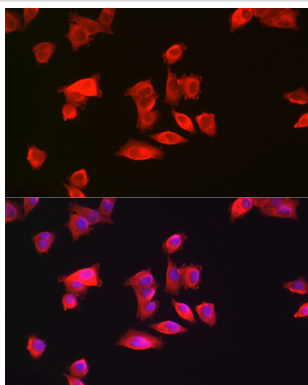
Immunofluorescence analysis of U-2 OS cells using GAMT Rabbit pAb.



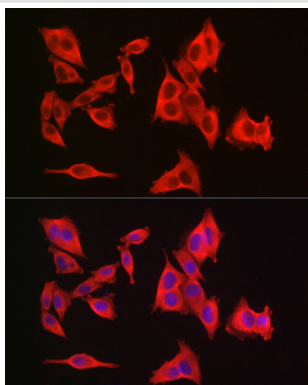
Immunofluorescence analysis of A549 cells using GAMT Rabbit pAb.



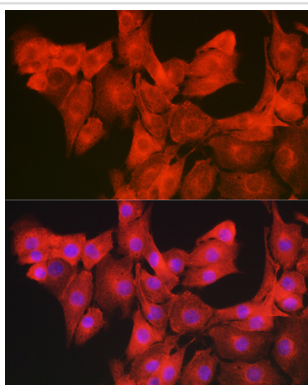
Immunofluorescence analysis of C6 cells using GAMT Rabbit pAb.



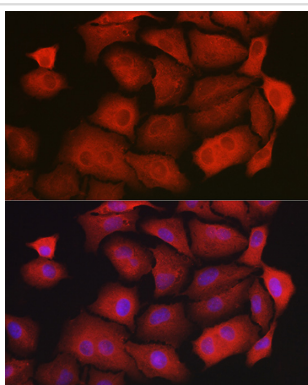
Immunofluorescence analysis of Hep G2 cells using GAMT Rabbit pAb.



Immunofluorescence analysis of Hep G2 cells using GAMT Rabbit pAb.



Immunofluorescence analysis of NIH-3T3 cells using GAMT Rabbit pAb.



Immunofluorescence analysis of A549 cells using GAMT Rabbit pAb.

Background

The protein encoded by this gene is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and accumulation of guanidinoacetate in the brain of affected individuals. Two transcript variants encoding different isoforms have been described for this gene. Pseudogenes of this gene are found on chromosomes 2 and 13.

Note: This product is for in vitro research use only