

GAMT antibody

Catalog No: #39033



Orders: order@signalwayantibody.com
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Description

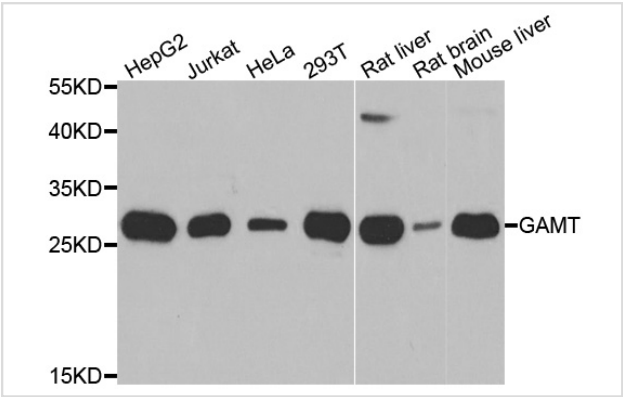
Product Name	GAMT antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total GAMT antibody.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GAMT.
Target Name	GAMT
Other Names	PIG2; CCDS2; TP53I2; HEL-S-20;
Accession No.	Swiss-Prot#: Q14353NCBI Gene ID: 2593
SDS-PAGE MW	26kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

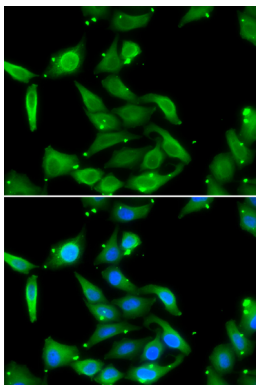
Western blotting: □1:500 - 1:2000

Immunofluorescence: □1:50 - 1:200

Images



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



Immunofluorescence analysis of U2OS cell using GAMT antibody. Blue: DAPI for nuclear staining.

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 and is not intended for use in humans or animals.