

ARG58724 anti-GAMT antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GAMT
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GAMT
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-236 of Human GAMT (NP_000147.1).
Conjugation	Un-conjugated
Alternate Names	CCDS2; EC 2.1.1.2; TP53I2; PIG2; HEL-S-20; Guanidinoacetate N-methyltransferase

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	29 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

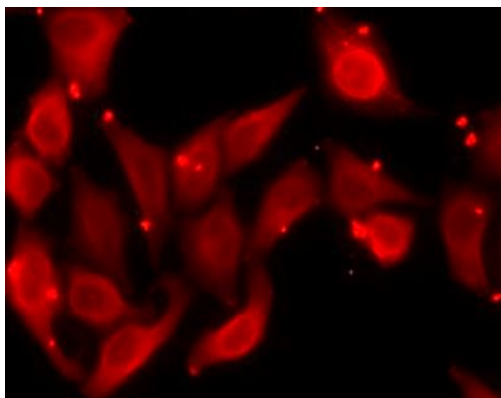
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

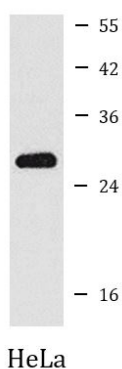
Gene Symbol	GAMT
Gene Full Name	guanidinoacetate N-methyltransferase
Background	The protein encoded by this gene is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular 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. [provided by RefSeq, Feb 2012]
Calculated Mw	26 kDa

Images



ARG58724 anti-GAMT antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG58724 anti-GAMT antibody.



ARG58724 anti-GAMT antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG58724 anti-GAMT antibody at 1:1000 dilution.