

Datasheet for ABIN7449739

**anti-GAMT antibody (AA 1-50)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	GAMT
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Purpose:	Rabbit anti-GAMT Antibody, Affinity Purified
Immunogen:	Between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

## Target Details

Target:	GAMT
Alternative Name:	GAMT ( <a href="#">GAMT Products</a> )
Background:	Background: Guanidinoacetate N-methyltransferase (GAMT7) is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects

## Target Details

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 [taken from NCBI Entrez Gene (Gene ID: 2593)].

Gene ID: 2593

NCBI Accession: [NP\\_000147](#)

UniProt: [Q14353](#)

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate  
WB: 1:1,000 - 1:5,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months