

Datasheet for ABIN631157  
**anti-GAMT antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	GAMT
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAMT antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	GAMT antibody was raised using the N terminal of GAMT corresponding to a region with amino acids MSAPSATPIFAPGENCSPA WGAAPAAAYDAADTHLRILGKPVMERWETPYM
Specificity:	GAMT antibody was raised against the N terminal of GAMT
Purification:	Affinity purified

## Target Details

Target:	GAMT
Alternative Name:	GAMT ( <a href="#">GAMT Products</a> )
Background:	GAMT is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in its gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and

## Target Details

accumulation of guanidinoacetate in the brain of affected individuals.

Molecular Weight: 26 kDa (MW of target protein)

## Application Details

Application Notes: WB: 0.25 µg/mL

Optimal conditions should be determined by the investigator.

Comment: GAMT Blocking Peptide, catalog no. 33R-6399, is also available for use as a blocking control in assays to test for specificity of this GAMT antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GAMT antibody in PBS

Concentration: Lot specific

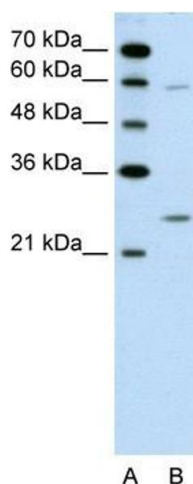
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** GAMT antibody used at 0.25 µg/ml to detect target protein.