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Datasheet for ABIN1712136  
**anti-GATM antibody (AA 141-240) (HRP)**

### Overview

Quantity:	100 µL
Target:	GATM
Binding Specificity:	AA 141-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATM antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GATM
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Sheep, Pig, Cat, Zebrafish
Purification:	Purified by Protein A.

### Target Details

Target:	GATM
Alternative Name:	GATM ( <a href="#">GATM Products</a> )
Background:	Synonyms: AGAT, AT, GATM, GATM_HUMAN, Glycine amidinotransferase, Glycine

## Target Details

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amidinotransferase, mitochondrial, L-arginine:glycine amidinotransferase, mitochondrial, Transaminidase.

Background: Catalyzes the biosynthesis of guanidinoacetate, the immediate precursor of creatine. Creatine plays a vital role in energy metabolism in muscle tissues. May play a role in embryonic and central nervous system development. May be involved in the response to heart failure by elevating local creatine synthesis.

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Gene ID: 2628

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months