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Datasheet for ABIN1693851

anti-GATM antibody (AA 141-240) (AbBy Fluor® 350)

Overview

Quantity:	100 µL
Target:	GATM
Binding Specificity:	AA 141-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATM antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 (GATM Products)
Background:	Synonyms: AGAT, AT, GATM, GATM_HUMAN, Glycine amidinotransferase, Glycine

Target Details

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.

Gene ID: 2628

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

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

Preservative: ProClin

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

Storage: -20 °C

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

Expiry Date: 12 months