

GATM Antibody HRP Conjugated

Catalog No: #C02489H

Package Size: #C02489H 100ul

Description

Product Name	GATM Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human GATM
Conjugates	HRP
Target Name	GATM
Other Names	AGAT; AT; GATM; GATM_HUMAN; Glycine amidinotransferase; Glycine amidinotransferase, mitochondrial; L-arginine:glycine amidinotransferase; mitochondrial; Transamidinase.
Accession No.	NCBI Gene ID2628
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.