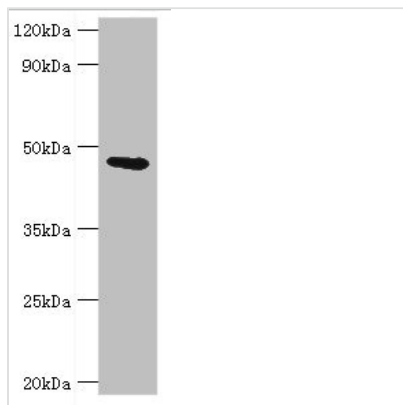




GATM Antibody

Product Code	CSB-PA009284ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P50440
Immunogen	Recombinant Human Glycine amidinotransferase, mitochondrial protein (124-423AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Glycine amidinotransferase, mitochondrial (EC 2.1.4.1) (L-arginine:glycine amidinotransferase) (Transamidinase), GATM, AGAT
Species	Human
Research Area	Signal Transduction
Target Names	GATM

Image



Western blot

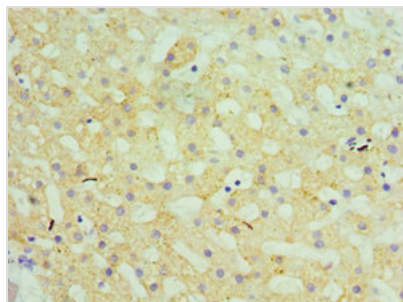
All lanes: Glycine amidinotransferase, mitochondrial antibody at 2µg/ml + Mouse kidney tissue

Secondary

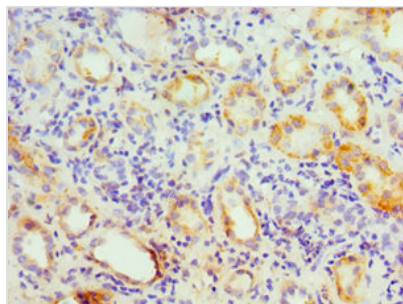
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 49, 45 kDa

Observed band size: 49 kDa



Immunohistochemistry of paraffin-embedded human liver tissue using CSB-PA009284ESR1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human kidney tissue using CSB-PA009284ESR1HU at dilution of 1:100