

GATM

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:48kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human GATM

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

AT; AGAT; CCDS3;

Catalog #:A6598

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2628

Isotype:IgG

Swiss Prot:P50440

Purity:Affinity purification

For research use only.

Background:

This gene encodes a mitochondrial enzyme that belongs to the amidinotransferase family. This enzyme is involved in creatine biosynthesis, whereby it catalyzes the transfer of a guanido group from L-arginine to glycine, resulting in guanidinoacetic acid, the immediate precursor of creatine. Mutations in this gene cause arginine:glycine amidinotransferase deficiency, an inborn error of creatine synthesis characterized by mental retardation, language impairment, and behavioral disorders.

To place an order, please [Click HERE](#).