

GATC Rabbit pAb

Catalog No.: A8604

Basic Information

Observed MW

15kDa

Calculated MW

15kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

Background

Enables glutamyl-tRNA synthase (glutamine-hydrolyzing) activity. Involved in glutamyl-tRNA^{Gln} biosynthesis via transamidation and mitochondrial translation. Located in mitochondrion. Part of glutamyl-tRNA(Gln) amidotransferase complex. Implicated in combined oxidative phosphorylation deficiency 42.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

283459

Swiss Prot

O43716

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-136 of human GATC (NP_789788.1).

Synonyms

15E1.2; COXPD42; GATC

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

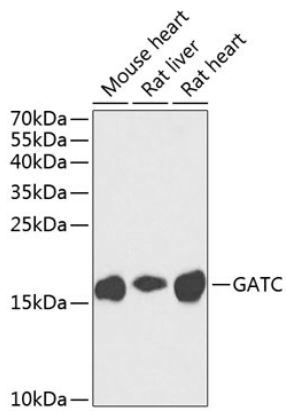
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GATC antibody (A8604) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.