

A8604

Leader in Biomolecular Solutions for Life Science



## GATC Rabbit pAb

Catalog No.: A8604

### Basic Information

**Observed MW**

15kDa

**Calculated MW**

15kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Mouse, Rat

### Background

Enables glutaminyl-tRNA synthase (glutamine-hydrolyzing) activity. Involved in glutaminyl-tRNA<sup>Gln</sup> 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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

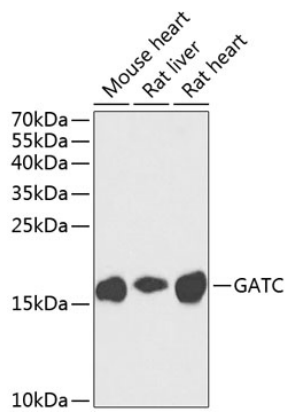
Affinity purification

**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: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.