

Datasheet for ABIN2789424
anti-GATC antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GATC
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	GLRAPLGGRQ GFTSKADPQG SGRITAAVIE HLERLALVDF GSREAVARLE
Predicted Reactivity:	Cow: 100%, Human: 100%, Pig: 92%, Rabbit: 83%
Characteristics:	This is a rabbit polyclonal antibody against GATC. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GATC
Alternative Name:	GATC (GATC Products)
Background:	GATC allows the formation of correctly charged Gln-tRNA(Gln) through the transamidation of misacylated Glu-tRNA(Gln) in the mitochondria. The reaction takes place in the presence of

Target Details

glutamine and ATP through an activated gamma-phospho-Glu-tRNA(Gln).

Alias Symbols: 15E1.2, FLJ37000, MGC129938

Protein Interaction Partner: SRSF11, UBC, PNPT1, SARS,

Protein Size: 136

Molecular Weight: 14 kDa

Gene ID: 283459

NCBI Accession: [NM_176818](#), [NP_789788](#)

UniProt: [O43716](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 136 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Western Blotting

Image 1.

