

GATB Antibody

PACO59836

Description

This GATB Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	PACO59836
Contents:	50µg Bradford Reagent: 1 vial (2ml)
Category:	-
Synonyms:	GATB antibody, PET112 antibody, PET112L antibody, HSPC199Glutamyl-tRNA(Gln) amidotransferase subunit B antibody, mitochondrial antibody, Glu-AdT subunit B antibody, EC 6.3.5.- antibody, Cytochrome c oxidase assembly factor PET112 homolog antibody
Clone:	Polyclonal
Applications:	ELISA WB IHC IF
Conjugation:	Non-conjugated
Reactivity:	Human

Antibody Data

Isotype:	IgG
Uniprot:	O75879
Host Species:	Rabbit
Purification:	>95%, Protein G purified
Immunogen:	Recombinant Human Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial protein (301-383AA)
Immunogen Species:	Homo sapiens (Human)
Buffer:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Form:	Liquid

Preparation & Storage

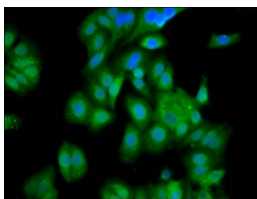
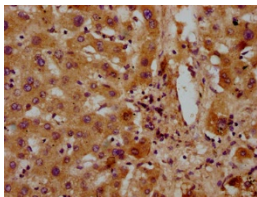
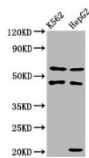
Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Store Bradford Reagent at Room Temperature for 1 Year.

Recommended Dilutions:	Application	Recommended Dilution
	WB	1:500-1:5000
	IHC	1:200-1:500
	IF	1:50-1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data

Image



Description

Western Blot Positive WB detected in: K562 whole cell lysate, HepG2 whole cell lysate All lanes: GATB antibody at 3.4µg/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 62 kDa Observed band size: 62 kDa

IHC image of PACO59836 diluted at 1:300 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence staining of HepG2 cells with PACO59836 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).