

For Research Use Only

# PET112L Polyclonal antibody

Catalog Number: 26441-1-AP



## Basic Information

Catalog Number:

26441-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23740

GenBank Accession Number:

BC136547

GeneID (NCBI):

5188

UNIPROT ID:

O75879

Full Name:

PET112-like (yeast)

Observed MW:

55-62 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: Jurkat cells, mouse heart tissue

## Background Information

GATB (Glutamyl-tRNA(Gln) amidotransferase subunit B), also called PET112L, is a subunit of the glutamyl-tRNA(Gln) amidotransferase protein complex (GatCAB), which plays a role in the proper aminoacylation of mitochondrial glutamyl mt-tRNA (mt-tRNA(Gln)). The other 2 subunits in the enzyme complex are GATA and GATC. The complex plays an essential role in mitochondrial translation and protein synthesis (PMID: 30283131, 19805282).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

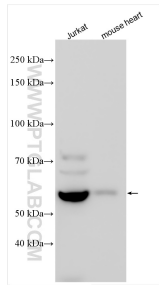
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26441-1-AP (PET112L antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.