

For Research Use Only

PET112L Polyclonal antibody

Catalog Number: 26441-1-AP



Basic Information

Catalog Number: 26441-1-AP	GenBank Accession Number: BC136547	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop;	GeneID (NCBI): 5188	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: O75879	
Isotype: IgG	Full Name: PET112-like (yeast)	
Immunogen Catalog Number: AG23740	Observed MW: 55-62 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, mouse heart tissue
Species Specificity: human, mouse	

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 glutaminyl 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

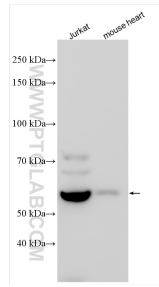
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.