

For Research Use Only

EARS2 Polyclonal antibody

Catalog Number: 17539-1-AP



Basic Information

Catalog Number: 17539-1-AP	GenBank Accession Number: BC040013	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 124454	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q5JPH6	
Isotype: IgG	Full Name: glutamyl-tRNA synthetase 2, mitochondrial (putative)	
Immunogen Catalog Number: AG11594	Calculated MW: 534 aa, 60 kDa	
	Observed MW: 59 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse liver mitochondria tissue,
Species Specificity: human, mouse, rat	

Background Information

EARS2 encodes mitochondrial glutamyl-tRNA synthetase 2. Two isoforms were produced by alternative splicing with predicted MW of 58 and 60 kDa according to UniProt, and this antibody recognises both.

Storage

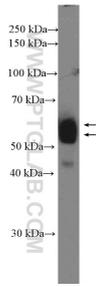
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



mouse liver mitochondria tissue were subjected to SDS PAGE followed by western blot with 17539-1-AP (EARS2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.