

For Research Use Only

# EARS2 Polyclonal antibody

Catalog Number: 17539-1-AP



## Basic Information

### Catalog Number:

17539-1-AP

### Size:

150ul, Concentration: 300 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11594

### GenBank Accession Number:

BC040013

### GeneID (NCBI):

124454

### UNIPROT ID:

Q5JPH6

### Full Name:

glutamyl-tRNA synthetase 2, mitochondrial (putative)

### Calculated MW:

534 aa, 60 kDa

### Observed MW:

59 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB: mouse liver mitochondria tissue,

## 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

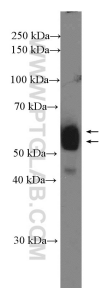
For technical support and original validation data for this product please contact:

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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.