

For Research Use Only

# EARS2 Polyclonal antibody

Catalog Number: 17539-1-AP



## Basic Information

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

## Applications

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

## Background Information

EARS2 encodes mitochondrial glutamyltRNA 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

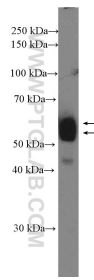
For technical support and original validation data for this product please contact:

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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.