

# PARS2 Rabbit pAb

Catalog No.: A16513

## Basic Information

### Observed MW

55kDa

### Calculated MW

53kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Rat

## Background

This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of proline to tRNA molecules. Mutations have been found in this gene in some patients with Alpers syndrome.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

25973

### Swiss Prot

Q7L3T8

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-220 of human PARS2 (NP\_689481.2).

### Synonyms

DEE75; proRS; EIEE75; MT-PRORS; PARS2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

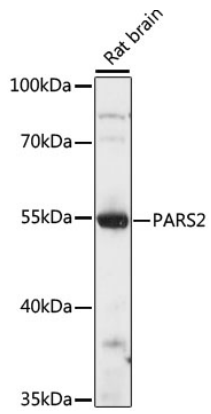
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from rat brain, using PARS2 Rabbit pAb (A16513) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.