

A15384

Leader in Biomolecular Solutions for Life Science



## WARS2 Rabbit pAb

Catalog No.: A15384

### Basic Information

**Observed MW**

50kDa

**Calculated MW**

40kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

### Background

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. This gene encodes the mitochondrial tryptophanyl-tRNA synthetase. Two alternative transcripts encoding different isoforms have been described.

### Recommended Dilutions

WB 1:200 - 1:2000

### Immunogen Information

**Gene ID**

10352

**Swiss Prot**

Q9UGM6

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 211-360 of human WARS2 (NP\_056651.1).

**Synonyms**

TrpRS; PKDYS3; NEMMLAS; mtTrpRS; WARS2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

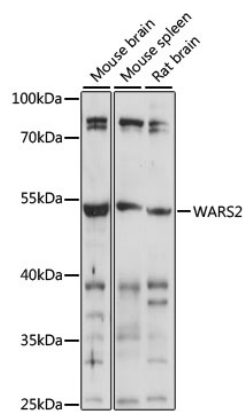
**Storage**

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 various lysates using WARS2 Rabbit pAb (A15384) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.