

# TARS Rabbit Polyclonal Antibody



CAB6993

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

83kDa

### Calculated MW:

83kDa/86kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein 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. Threonyl-tRNA synthetase belongs to the class-II aminoacyl-tRNA synthetase family

## Immunogen information

### Gene ID:

6897

### Uniprot

P26639

### Synonyms:

TARS; ThrRS

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

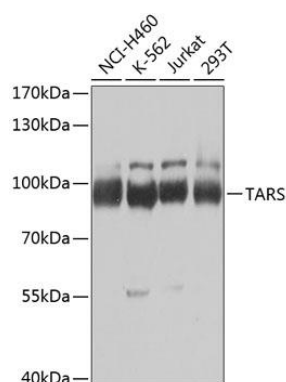
Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human TARS (NP\_689508.3).

### Storage:

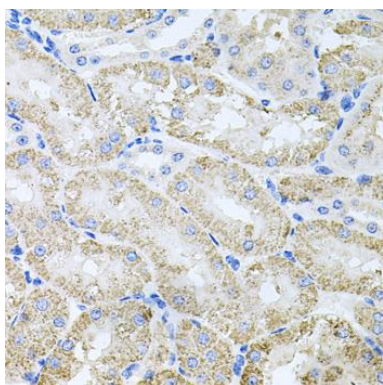
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

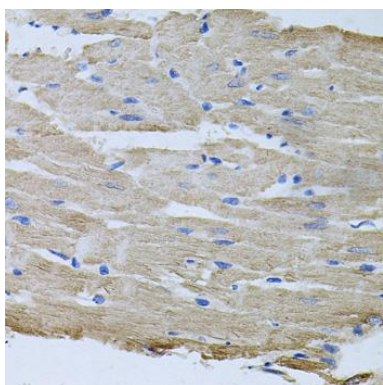
---



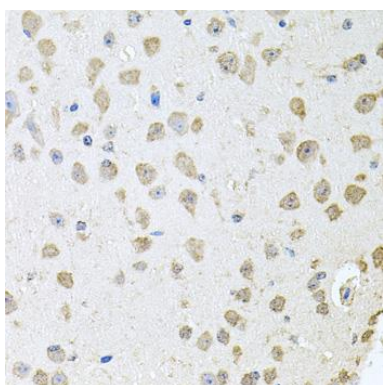
Western blot analysis of extracts of various cell lines, using TARS Antibody (CAB6993) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded mouse kidney using TARS antibody (CAB6993) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using TARS antibody (CAB6993) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using TARS antibody (CAB6993) at dilution of 1:100 (40x lens).