

YARS Rabbit Polyclonal Antibody



CAB6791

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

59kDa

Calculated MW:

59kDa

Applications:

WB IP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IP 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

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. Tyrosyl-tRNA synthetase belongs to the class I tRNA synthetase family. Cytokine activities have also been observed for the human tyrosyl-tRNA synthetase, after it is split into two parts, an N-terminal fragment that harbors the catalytic site and a C-terminal fragment found only in the mammalian enzyme. The N-terminal fragment is an interleukin-8-like cytokine, whereas the released C-terminal fragment is an EMAP II-like cytokine.

Immunogen information

Gene ID:

8565

Uniprot

P54577

Synonyms:

YARS; CMTDIC; TYRRS; YRS; YTS

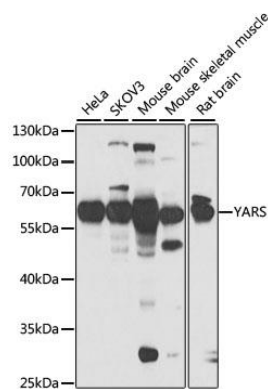
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human YARS (NP_003671.1).

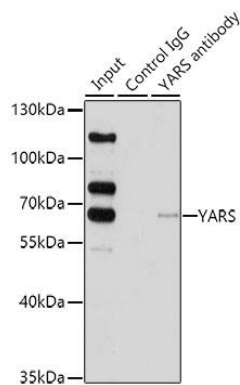
Storage:

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 YARS antibody (CAB6791) 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: 30s.



Immunoprecipitation analysis of 200ug extracts of HeLa cells using 1ug YARS antibody (CAB6791). Western blot was performed from the immunoprecipitate using YARS antibody (CAB6791) at a dilution of 1:1000.