

AARS2 Rabbit Polyclonal Antibody



CAB7826

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

107kDa

Calculated MW:

107kDa

Applications:

WB IHC

Reactivity:

Human

Protein Background

The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetases play critical roles in mRNA translation by charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial enzyme that specifically aminoacylates alanyl-tRNA. Mutations in this gene are a cause of combined oxidative phosphorylation deficiency 8.

Immunogen information

Gene ID:

57505

Uniprot

Q5J TZ9

Synonyms:

AARS2; AARSL; COXPD8; LKENP; MT-ALARS; MTALARS

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

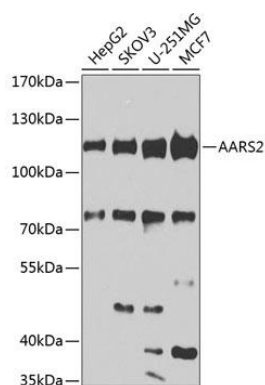
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 841-985 of human AARS2 (NP_065796.1).

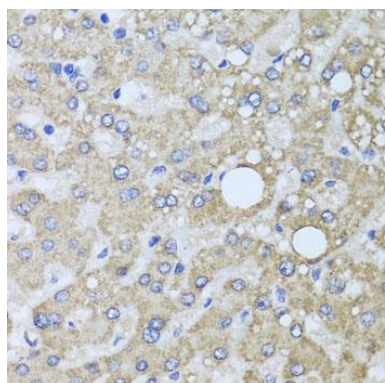
Storage:

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 AARS2 antibody (CAB7826) 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: 20s.



Immunohistochemistry of paraffin-embedded human liver tissue using AARS2 antibody (CAB7826) at dilution of 1:100 (40x lens).