

AARS2 Rabbit pAb

Catalog No.: A7826

Basic Information

Observed MW

107kDa

Calculated MW

107kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

57505

Swiss Prot

Q5J TZ9

Immunogen

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

Synonyms

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

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

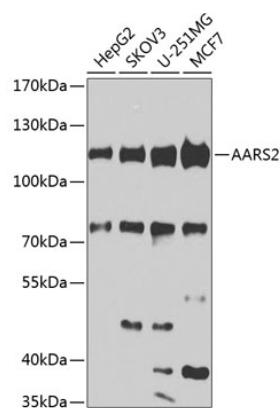
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using AARS2 antibody (A7826) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.