AARS2 Antibody

PACO13999

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:100-1:300

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 acid, 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. Catalyzes the attachment of alanine to tRNA(Ala) in a two-step reaction: alanine is first activated by ATP to form Ala-AMP and then transferred to the acceptor end of tRNA(Ala). Also edits incorrectly charged tRNA(Ala) via its editing domain.

Gene ID:

AARS2

Uniprot

Q5JTZ9

Synonyms:

Alanyl-tRNA synthetase 2, mitochondrial

Immunogen:

Fusion protein of human AARS2.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

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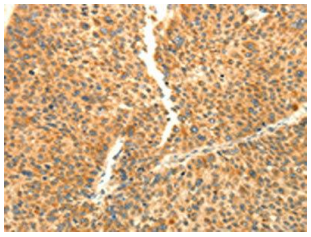
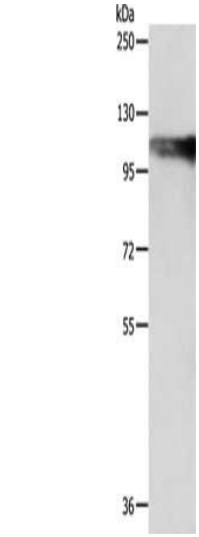
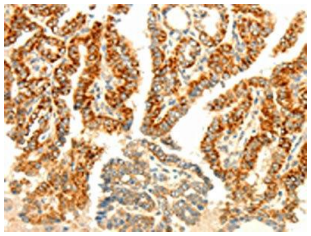
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO13999(AARS2 Antibody) at dilution 1/80, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane: SP20 cells, Primary antibody: PACO13999(AARS2 Antibody) at dilution 1/1200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO13999(AARS2 Antibody) at dilution 1/80, on the right is treated with fusion protein. (Original magnification: x—200).

