AARS2 Polyclonal Antibody

catalog number: E-AB-13885

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human AARS2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

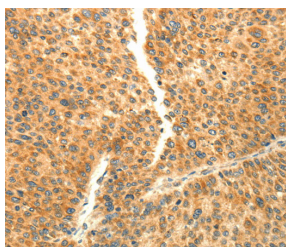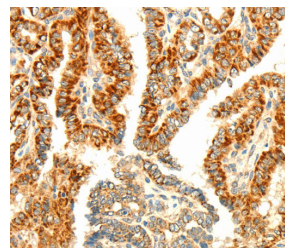| Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:100-1:300

Data

Western Blot analysis of SP20 cell using AARS2 Polyclonal Antibody at dilution of 1:1200

Calculated-MV:107 kDa

Immunohistochemistry of paraffin-embedded Human thyroid cancer using AARS2 Polyclonal Antibody at dilution of 1:80

Immunohistochemistry of paraffin-embedded Human liver cancer using AARS2 Polyclonal Antibody at dilution of 1:80

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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. 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