

FARS2 RABBIT PAB

Cat.#: S219434

Product Name: Anti-FARS2 Rabbit Polyclonal Antibody

Synonyms: FARS1; PheRS; SPG77; COXPD14; HSPC320; mtPheRS

UNIPROT ID: O95363 (Gene Accession - BC020239)

Background: This gene encodes a protein that transfers phenylalanine to its cognate tRNA. This protein localizes to the mitochondrion and plays a role in mitochondrial protein translation. Mutations in this gene can cause combined oxidative phosphorylation deficiency 14 (Alpers encephalopathy). Alternative splicing results in multiple transcript variants.

Immunogen: Fusion protein of human FARS2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 200-300;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

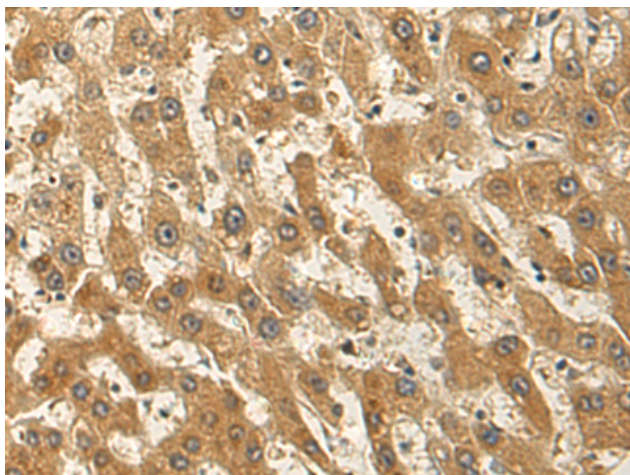
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

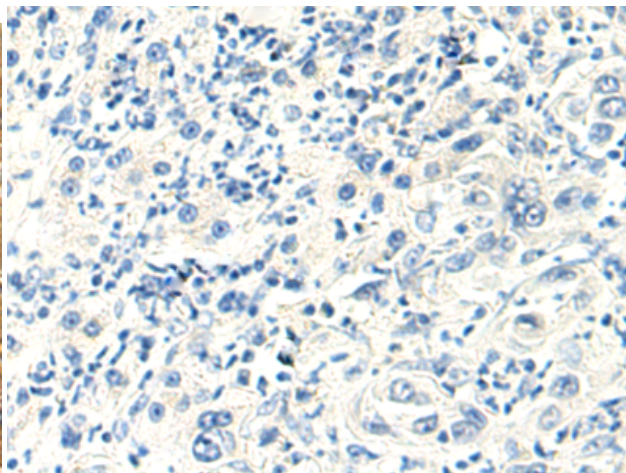
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Epigenetics and Nuclear Signaling

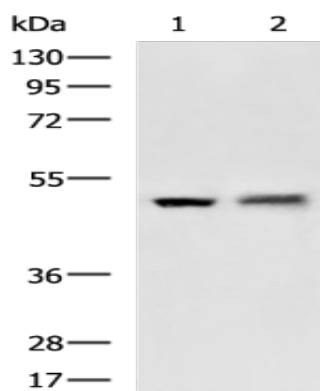
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219434(FARS2 Antibody) at a dilution of 1/150(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 219434(Anti-FARS2 Antibody) at dilution 1/150.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: 293T and HeLa cell lysates;
Primary antibody: 219434(FARS2 Antibody) at dilution 1/800;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 15 seconds