

SPTLC2 RABBIT PAB

Cat.#: S219505

Product Name: Anti-SPTLC2 Rabbit Polyclonal Antibody

Synonyms: LCB2; SPT2; HSNIC; LCB2A; NSANIC; hLCB2a

UNIPROT ID: O15270 (Gene Accession - BC005123)

Background: This gene encodes a long chain base subunit of serine palmitoyltransferase. Serine palmitoyltransferase, which consists of two different subunits, is the key enzyme in sphingolipid biosynthesis. It catalyzes the pyridoxal-5-prime-phosphate-dependent condensation of L-serine and palmitoyl-CoA to 3-oxosphinganine. Mutations in this gene were identified in patients with hereditary sensory neuropathy type I.

Immunogen: Fusion protein of human SPTLC2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

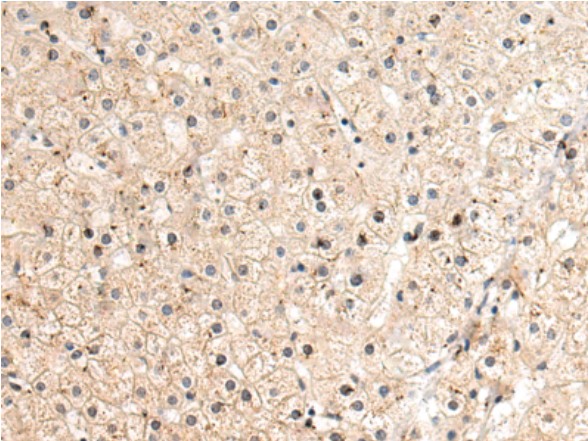
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

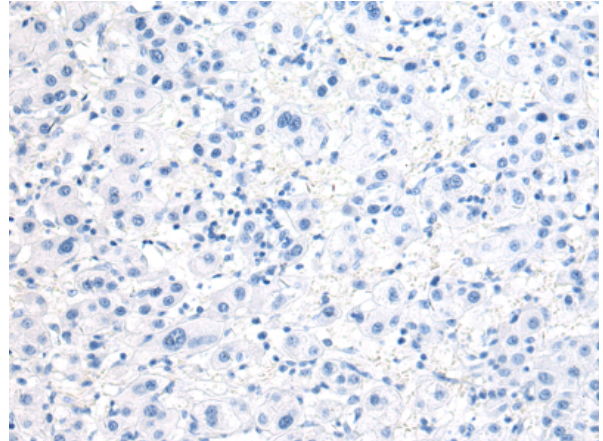
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cardiovascular, Metabolism, Signal Transduction

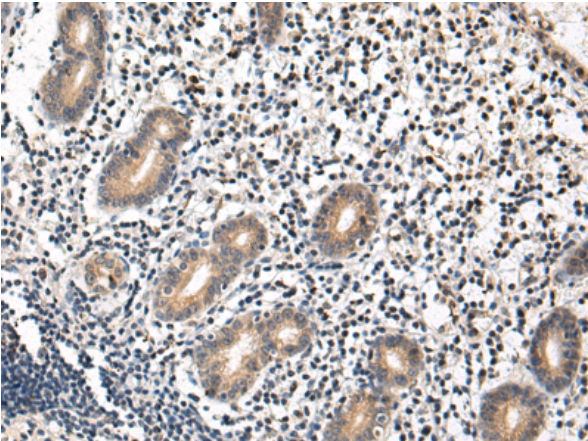
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



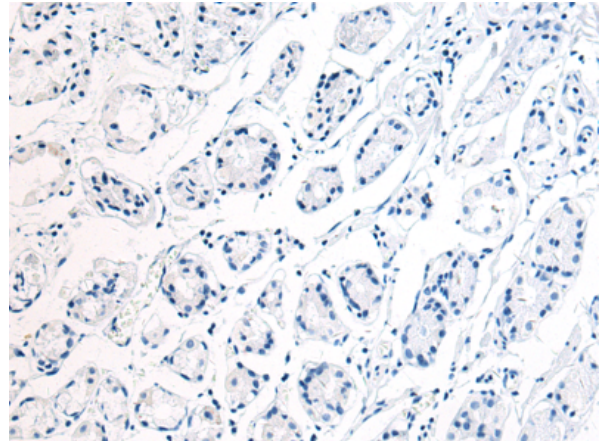
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219505(SPTLC2 Antibody) at a dilution of 1/120(Cytoplasm).



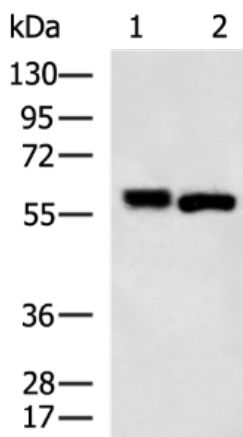
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 219505(Anti-SPTLC2 Antibody) at dilution 1/120.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 219505(Anti-SPTLC2 Antibody) at a dilution of 1/120.



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with fusion protein and then with D227400(Anti-SPTLC2 Antibody) at dilution 1/120.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: A549 and HT29 cell lysates;
Primary antibody: 219505(SPTLC2 Antibody) at dilution 1/900;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 1 minute



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
