

MAP1LC3B RABBIT PAB

Cat.#: S221803

Product Name: Anti-MAP1LC3B Rabbit Polyclonal Antibody

Synonyms: LC3B; ATG8F; MAP1LC3B- α ; MAP1A/IBLC3

UNIPROT ID: Q9GZQ8 (Gene Accession - NP_073729)

Background: The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.

Immunogen: Synthetic peptide of human MAP1LC3B

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

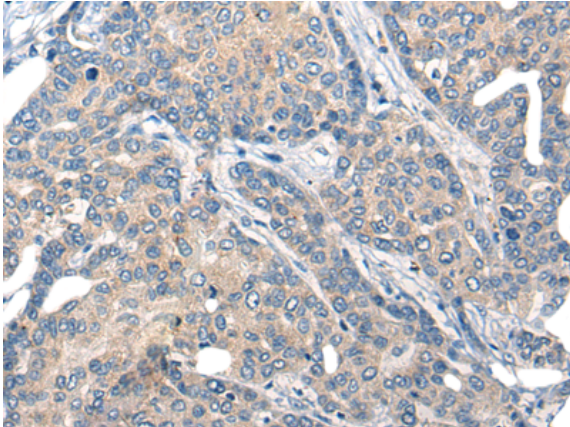
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

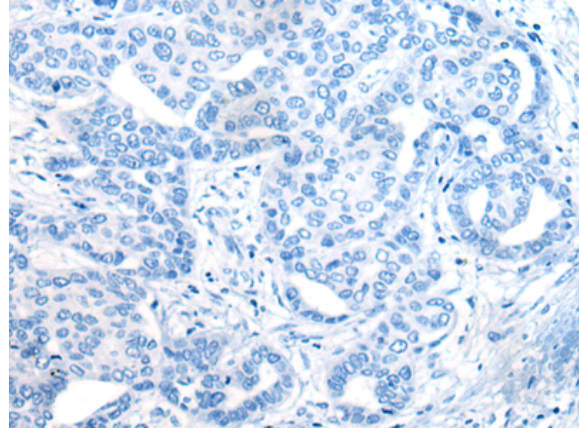
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Neuroscience, Cardiovascular

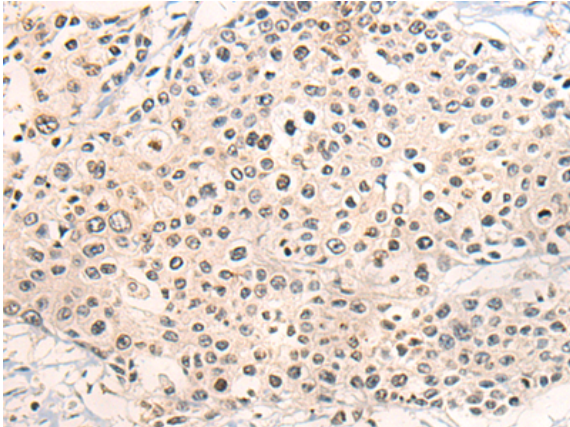
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



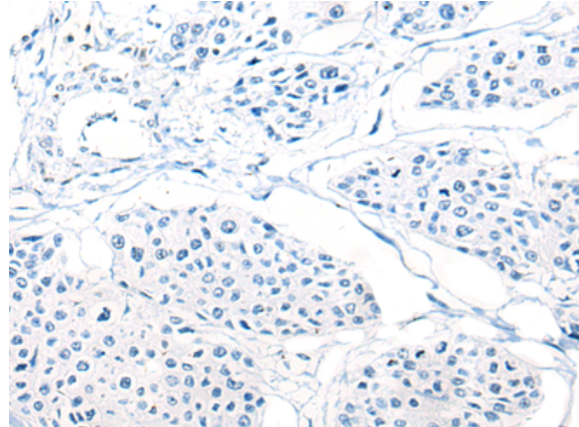
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221803(MAP1LC3B Antibody) at a dilution of 1/25(Cytoplasm or Nucleus).



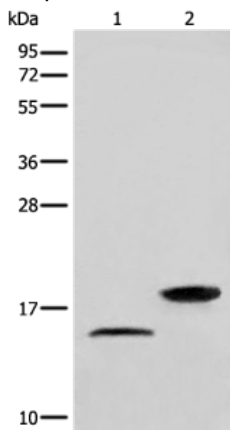
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221803(Anti-MAP1LC3B Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 221803(Anti-MAP1LC3B Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with synthetic peptide and then with D263557(Anti-MAP1LC3B Antibody) at dilution 1/25.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: HEPG2 cell and Human fetal brain tissue lysates;
Primary antibody: 221803(MAP1LC3B Antibody) at dilution 1/300;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
