

MAP1LC3C RABBIT PAB

Cat.#: S214448

Product Name: Anti-MAP1LC3C Rabbit Polyclonal Antibody

Synonyms: LC3C; ATG8J

UNIPROT ID: Q9BXW4 (Gene Accession - NP_001004343)

Background: Autophagy is a highly regulated bulk degradation process that plays an important role in cellular maintenance and development. MAP1LC3C is an ortholog of the yeast autophagosome protein Atg8. Ubiquitin-like modifier that plays a crucial role in antibacterial autophagy (xenophagy) through the selective binding of CALCOCO2. Recruits all ATG8 family members to infecting bacteria such as S.Typhimurium.

Immunogen: Synthetic peptide of human MAP1LC3C

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

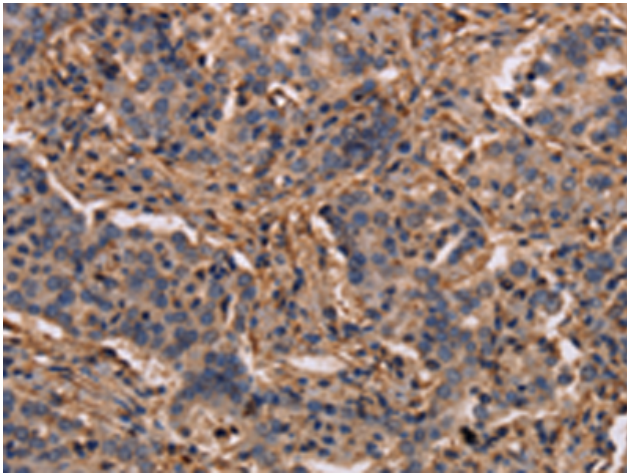
Purification: Antigen affinity purification

Species Reactivity: Human

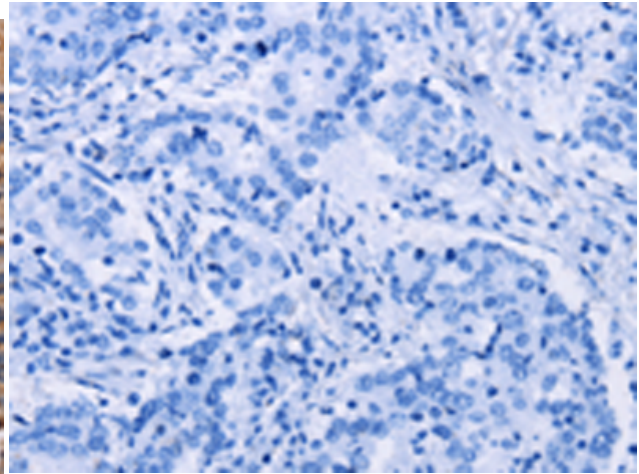
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Cardiovascular

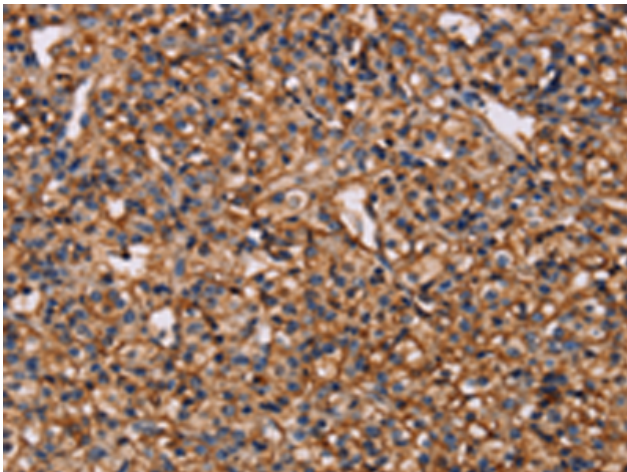
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



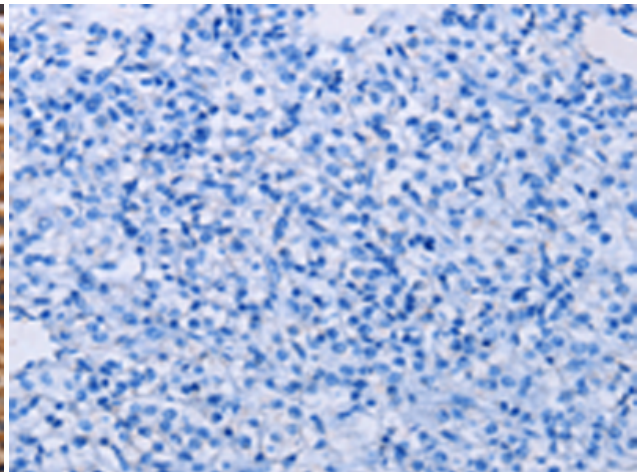
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 214448(MAPILC3C Antibody) at a dilution of 1/40(Cytoplasm).



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 214448(Anti-MAPILC3C Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 214448(Anti-MAPILC3C Antibody) at a dilution of 1/40.



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 D161853(Anti-MAPILC3C Antibody) at dilution 1/40.