

UNC45B RABBIT PAB

Cat.#: S212074

Product Name: Anti-UNC45B Rabbit Polyclonal Antibody

Synonyms: CMYA4; UNC45; CTRCT43; SMUNC45; UNC-45B

UNIPROT ID: Q8IWX7 (Gene Accession - BC101063)

Background: This gene encodes a co-chaperone required for folding and accumulation of type II myosins. The protein consists of three tetratricopeptide repeat motifs at the N-terminus that form a complex with heat shock protein 90, a central region of unknown function that is conserved in all Unc-45 proteins, and a C-terminal Unc-45/Cro1/She4 domain. The protein is expressed at high levels in striated muscle, where its muscle myosin chaperone activity is dependent on heat shock protein 90 acting as a co-chaperone. A missense mutation in this gene has been associated with cataract development. Alternative splicing results in multiple transcript variants.

Immunogen: Fusion protein of human UNC45B

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-300;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

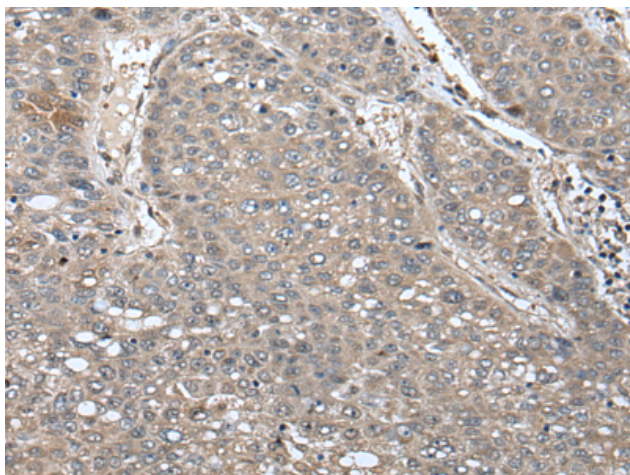
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

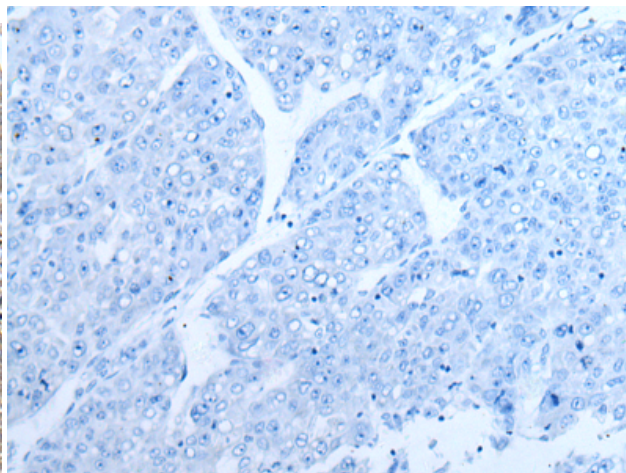
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Developmental Biology

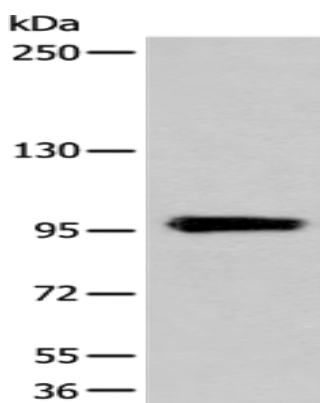
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 212074(UNC45B Antibody) at a dilution of 1/65(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 212074(Anti-UNC45B Antibody) at dilution 1/65.



Gel: 6%SDS-PAGE, Lysate: 40 μ g;
Lane: Human heart tissue lysate;
Primary antibody: 212074(UNC45B Antibody)
at dilution 1/600;
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution;
Exposure time: 20 seconds