

ADAMTS5 RABBIT PAB

Cat.#: S219655

Product Name: Anti-ADAMTS5 Rabbit Polyclonal Antibody

Synonyms: ADMP-2; ADAM-TS5; ADAMTS-5; ADAMTS11; ADAM-TS 5; ADAMTS-11; ADAM-TS 11

UNIPROT ID: Q9UNA0 (Gene Accession - NP_008969)

Background: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme contains two C-terminal TS motifs and functions as an aggrecanase that cleaves aggrecan, a major proteoglycan of cartilage, and may mediate cartilage destruction in osteoarthritis.

Immunogen: Synthetic peptide of human ADAMTS5

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

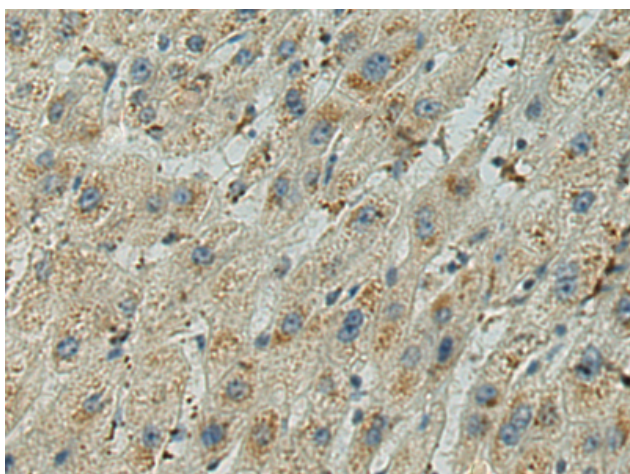
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

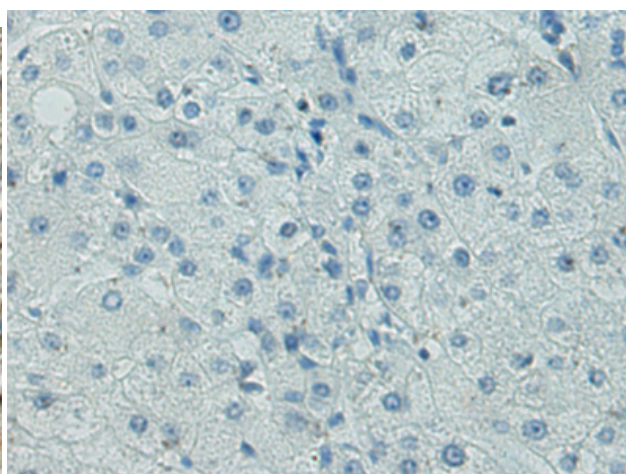
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cell Biology

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



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219655 (ADAMTS5 Antibody) at a dilution of 1/40 (Secreted).



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 219655 (Anti-ADAMTS5 Antibody) at dilution 1/40.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
