

ANXA5 RABBIT PAB

Cat.#: S210047

Product Name: Anti-ANXA5 Rabbit Polyclonal Antibody

Synonyms: PP4; ANX5; ENX2; CPB-I; RPRGL3; HEL-S-7; VAC- α ph

UNIPROT ID: P08758 (Gene Accession - BC018671)

Background: The Annexin 5 gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant- α , endonexin II, lipocortin V, placental protein 4 and anchorin CII. Polymorphisms in this gene have been implicated in various obstetric complications.

Immunogen: Fusion protein of human ANXA5

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200; WB: 1000-5000; ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

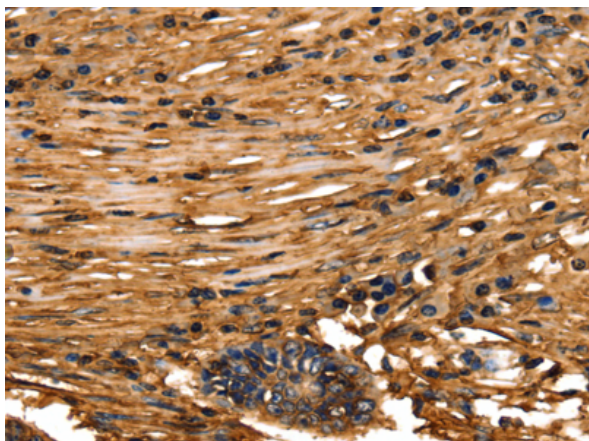
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

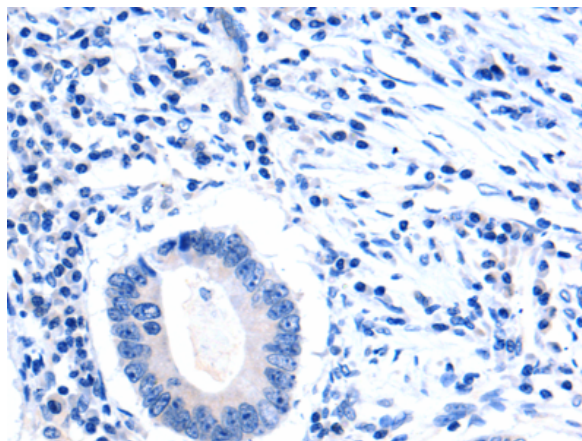
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cardiovascular

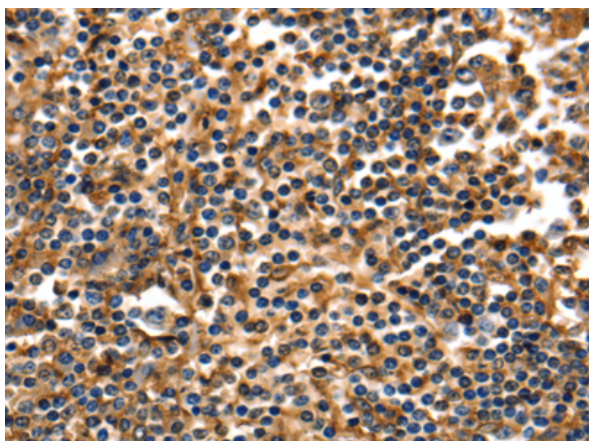
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



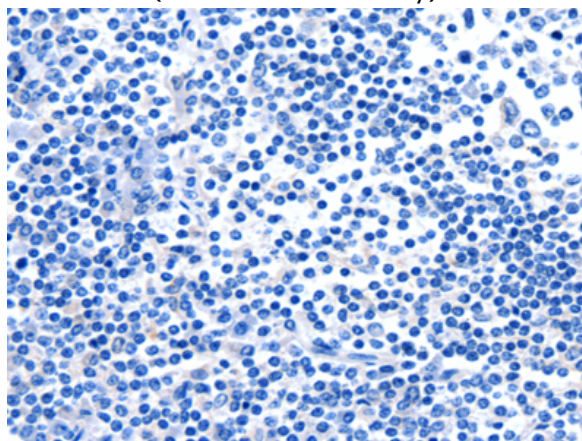
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 210047(ANXA5 Antibody) at a dilution of 1/40(Cytoplasm).



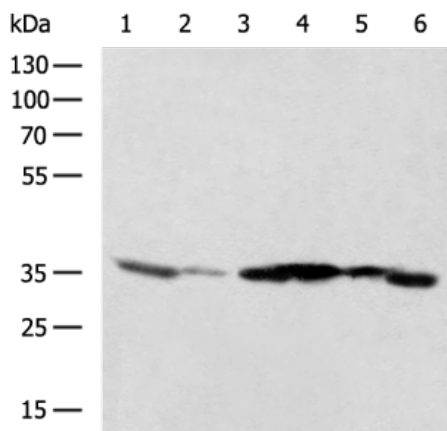
In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 210047(Anti-ANXA5 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 210047(Anti-ANXA5 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D120066(Anti-ANXA5 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-6: K562, Mouse eye tissue, Hela, RAW264.7, Mouse brain tissue, HepG2 cell lysates;
 Primary antibody: 210047(ANXA5 Antibody) at dilution 1/1000;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 10 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
