

DYNLL1 RABBIT PAB

Cat.#: S217364

Product Name: Anti-DYNLL1 Rabbit Polyclonal Antibody

Synonyms: LC8; PIN; DLC1; DLC8; LC8 α ; DNCL1; hdlc1; DNCLC1

UNIPROT ID: P63167 (Gene Accession - BC104245)

Background: Cytoplasmic dyneins are large enzyme complexes with a molecular mass of about 1,200 kD. They contain two force-producing heads formed primarily from dynein heavy chains, and stalks linking the heads to a basal domain, which contains a varying number of accessory intermediate chains. The complex is involved in intracellular transport and motility. The protein described in this record is a light chain and exists as part of this complex but also physically interacts with and inhibits the activity of neuronal nitric oxide synthase. Binding of this protein destabilizes the neuronal nitric oxide synthase dimer, a conformation necessary for activity, and it may regulate numerous biologic processes through its effects on nitric oxide synthase activity. Alternate transcriptional splice variants have been characterized.

Immunogen: Fusion protein of human DYNLL1

Applications: ELISA, WB, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

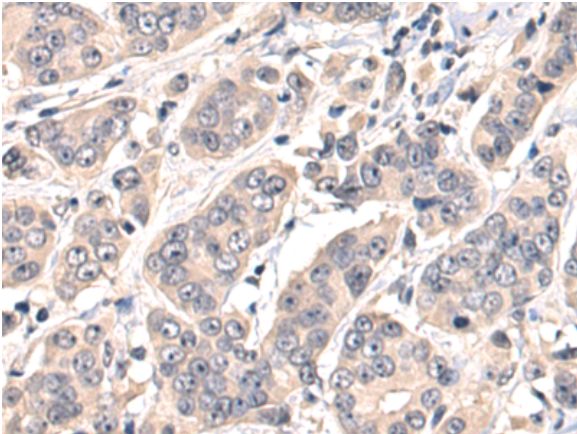
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

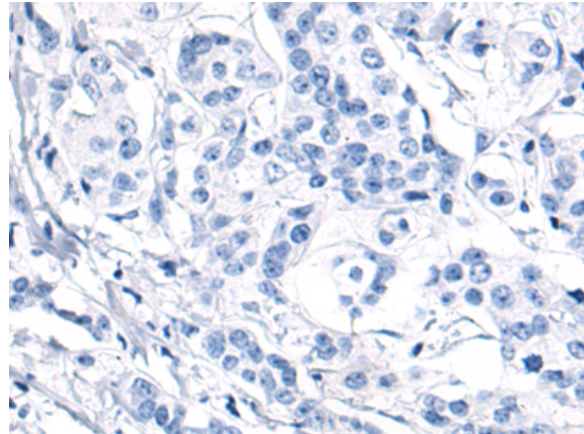
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling, Cancer, Neuroscience

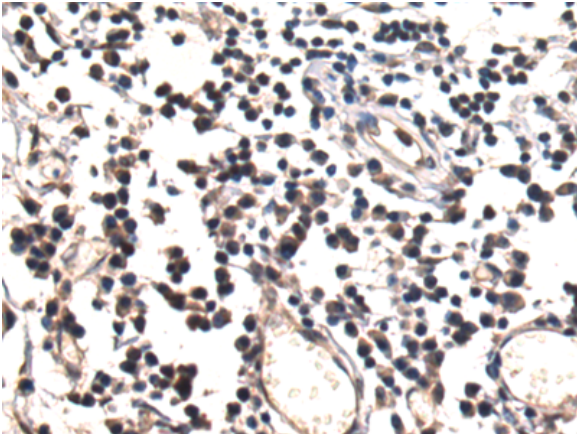
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



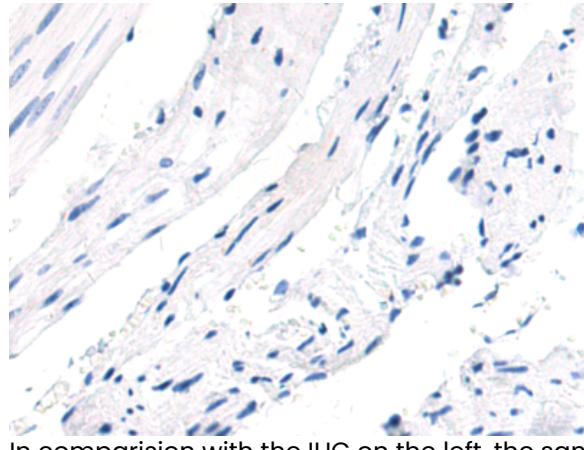
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 217364 (DYNLL1 Antibody) at a dilution of 1/80 (Cytoplasm and Nucleus).



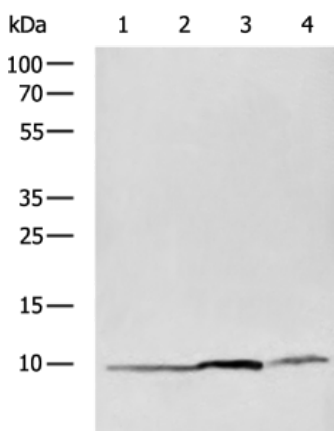
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 217364 (Anti-DYNLL1 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 217364 (Anti-DYNLL1 Antibody) at a dilution of 1/80.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D222238 (Anti-DYNLL1 Antibody) at dilution 1/80.



Gel: 12% SDS-PAGE, Lysate: 40 µg;
Lane 1-4: A172, HepG2, Mouse brain tissue, A172 cell lysates;
Primary antibody: 217364 (DYNLL1 Antibody) at dilution 1/1300;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 20 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
