

CAPN1 RABBIT PAB

Cat.#: S216380

Product Name: Anti-CAPN1 Rabbit Polyclonal Antibody

Synonyms: CANP; muCL; CANP1; SPG76; CANPL1; muCANP

UNIPROT ID: P07384 (Gene Accession - BC017200)

Background: The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 1. Several transcript variants encoding two different isoforms have been found for this gene.

Immunogen: Fusion protein of human CAPN1

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

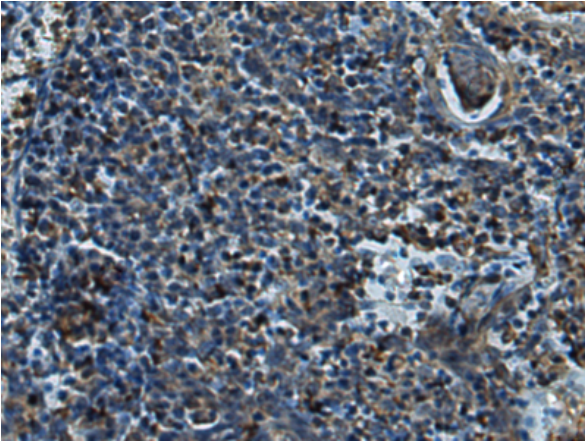
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

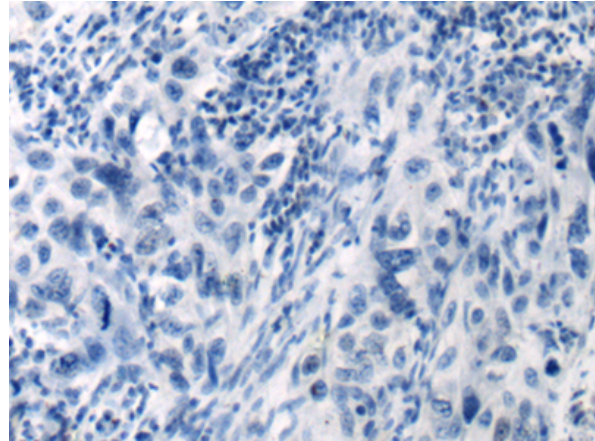
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cell Biology

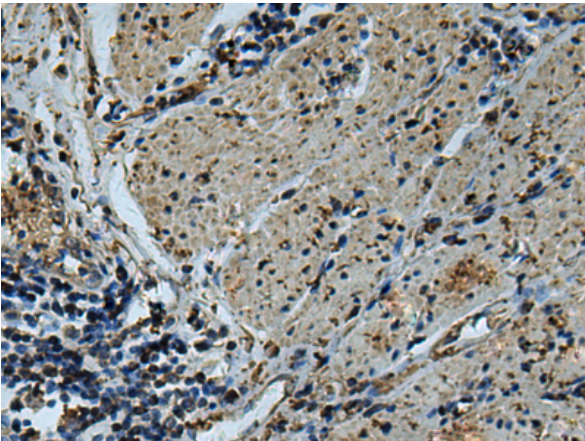
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



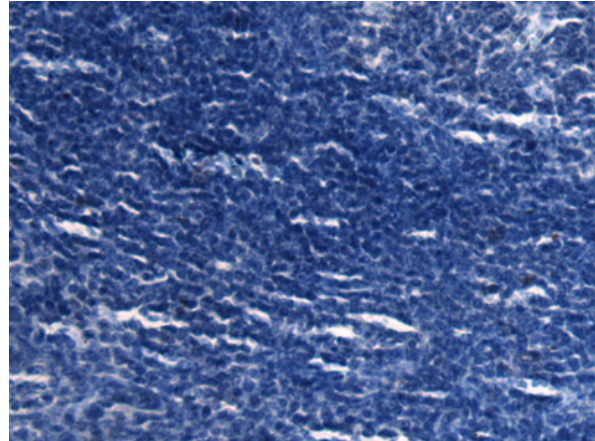
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 216380(CAPNI Antibody) at a dilution of 1/75(Cytoplasm).



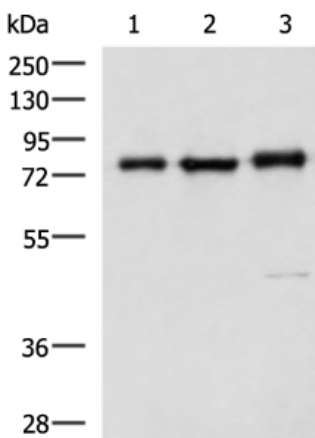
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 216380(Anti-CAPNI Antibody) at dilution 1/75.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 216380(Anti-CAPNI Antibody) at a dilution of 1/75.



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 D220328(Anti-CAPNI Antibody) at dilution 1/75.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-3: K562, Jurkat and Hela cell lysates;
Primary antibody: 216380(CAPNI Antibody) at dilution 1/1000;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 30 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
