

CLDN3 RABBIT PAB

Cat.#: S219806

Product Name: Anti-CLDN3 Rabbit Polyclonal Antibody

Synonyms: RVPI, HRVPI, C7orf1, CPE-R2, CPETR3

UNIPROT ID: O15551 (Gene Accession - NP_001297)

Background: Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this intronless gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for *Clostridium perfringens* enterotoxin, and shares aa sequence similarity with a putative apoptosis-related protein found in rat.

Immunogen: Synthetic peptide of human CLDN3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

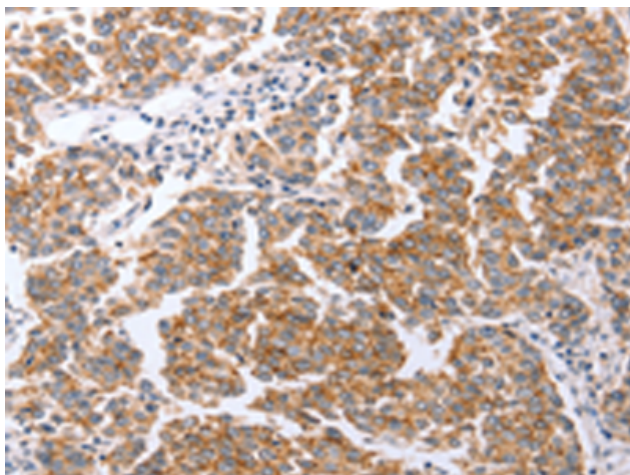
Purification: Antigen affinity purification

Species Reactivity: Human

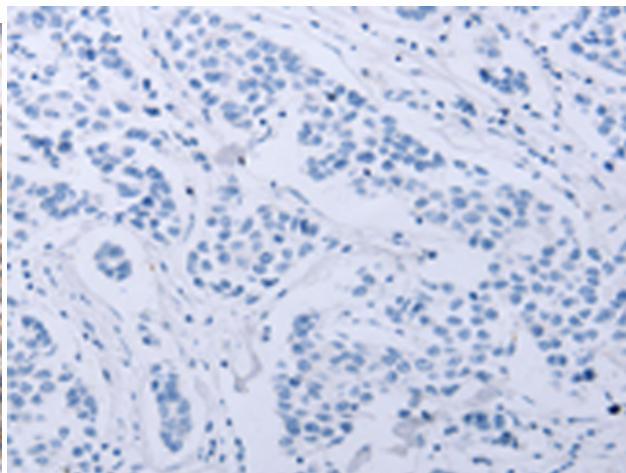
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Cardiovascular, Metabolism

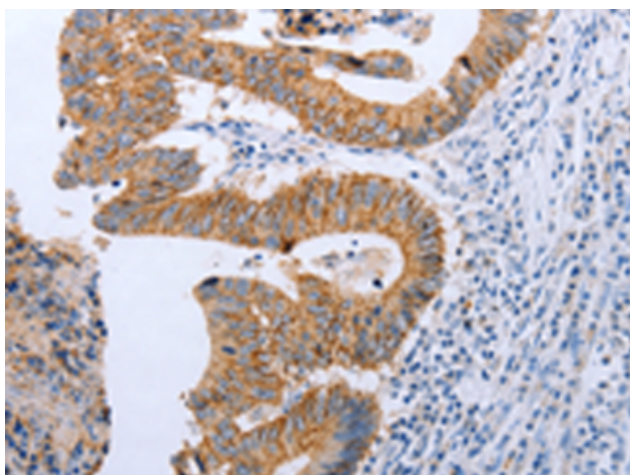
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



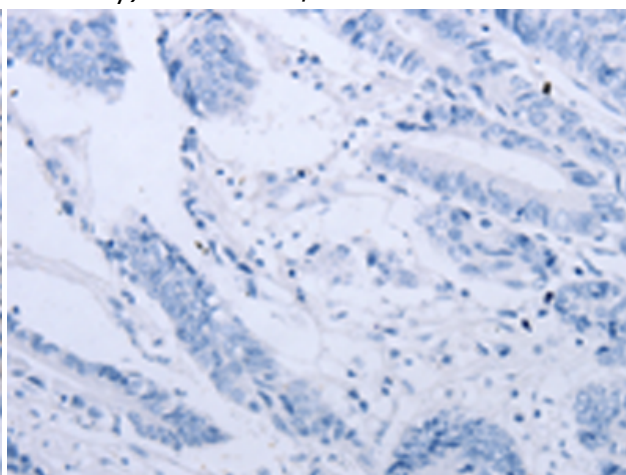
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219806 (CLDN3 Antibody) at a dilution of 1/25 (Cytoplasm, Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 219806 (Anti-CLDN3 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 219806 (Anti-CLDN3 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D260401 (Anti-CLDN3 Antibody) at dilution 1/25.