CLDN4 RABBIT PAB

Cat.#: S219807

Product Name: Anti-CLDN4 Rabbit Polyclonal Antibody

Synonyms: CPER, CPE-R, CPETR, CPETR1, WBSCR8, hCPE-R

UNIPROT ID: O14493 (Gene Accession - NP_001296)

Background: Claudin 4, also known as CLDN4, is a protein which in humans is encoded by the CLDN4 gene. It belongs to the group of claudins. This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems.

Immunogen: Synthetic peptide of human CLDN4

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 1000-3000;ELISA: 1000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal
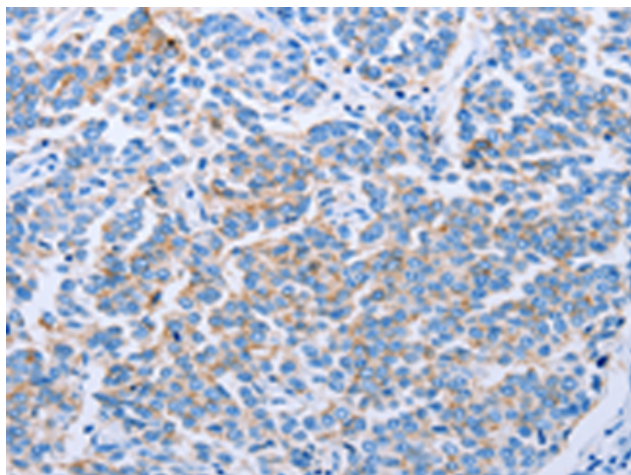
Isotype: Immunogen-specific rabbit IgG

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

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

Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219807(CLDN4 Antibody) at a dilution of 1/50(Cytoplasm, Cell membrane).
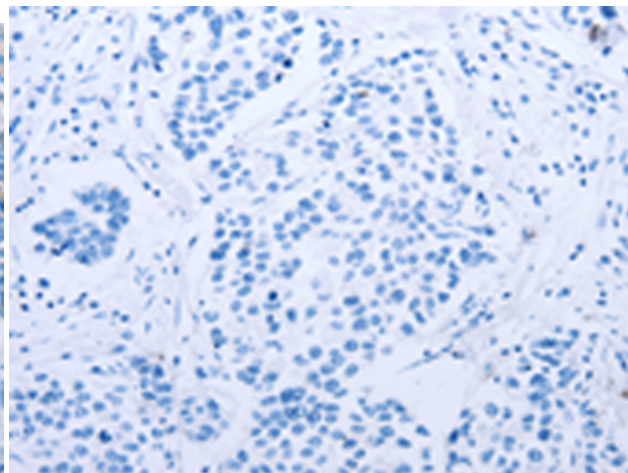
In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 219807(Anti-CLDN4 Antibody) at dilution 1/50.
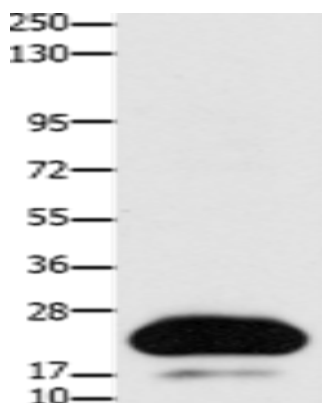
Gel: 10+12%SDS-PAGE, Lysate: 30 μg;
Lane: HT29 cells;
Primary antibody: 219807(CLDN4 Antibody) at dilution 1/1100;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds