

CLDND2 RABBIT PAB

Cat.#: S221192

Product Name: Anti-CLDND2 Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: Q8NHS1 (Gene Accession - NP_689566)

Background: CLDND2 (claudin domain containing 2) is a 167 amino acid multi-pass membrane protein that belongs to the PMP-22/EMP/MP20 family and is encoded by a gene that maps to human chromosome 19q13.33. Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes.

Immunogen: Synthetic peptide of human CLDND2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 30-150;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

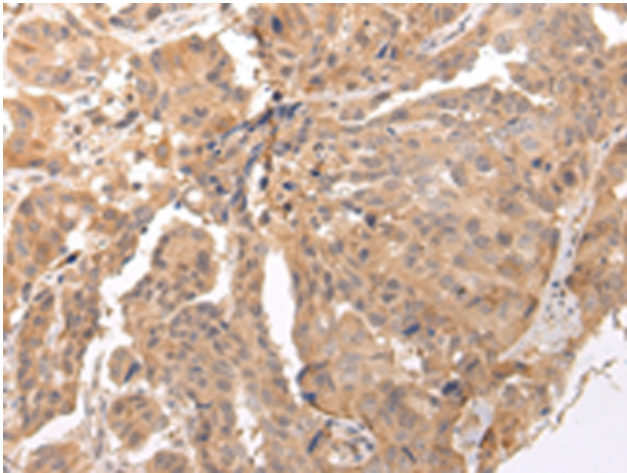
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

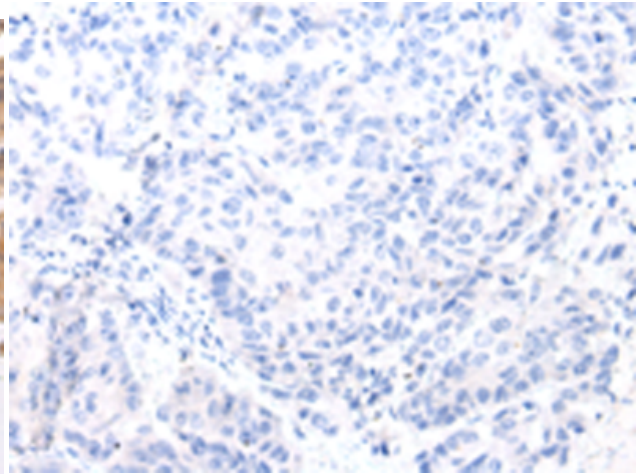
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cell Biology

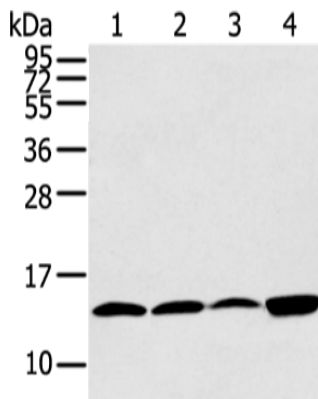
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 221192 (CLDND2 Antibody) at a dilution of 1/45 (Cytoplasm and 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 221192 (Anti-CLDND2 Antibody) at dilution 1/45.



Gel: 12% SDS-PAGE, Lysate: 40 µg;
 Lane 1-4: HeLa, 293T, PC3 and TM4 cell;
 Primary antibody: 221192 (CLDND2 Antibody) at dilution 1/400;
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
 Exposure time: 30 seconds