CLDN11 RABBIT PAB

Cat.#: S220463

Product Name: Anti-CLDN11 Rabbit Polyclonal Antibody

Synonyms: OSP; OTM

UNIPROT ID: O75508 (Gene Accession - NP_005593)

Background: This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. The protein encoded by this gene is a major component of central nervous system (CNS) myelin and plays an important role in regulating proliferation and migration of oligodendrocytes. Mouse studies showed that the gene deficiency results in deafness and loss of the Sertoli cell epithelial phenotype in the testis.

Immunogen: Synthetic peptide of human CLDN11

Applications: ELISA, IHC

Recommended Dilutions: IHC: 15-50; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG
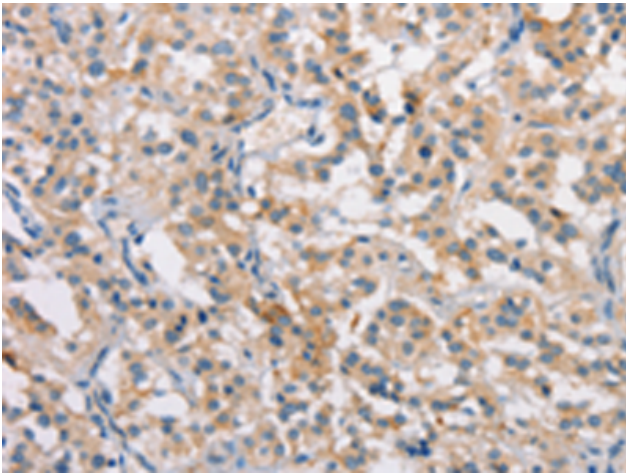
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

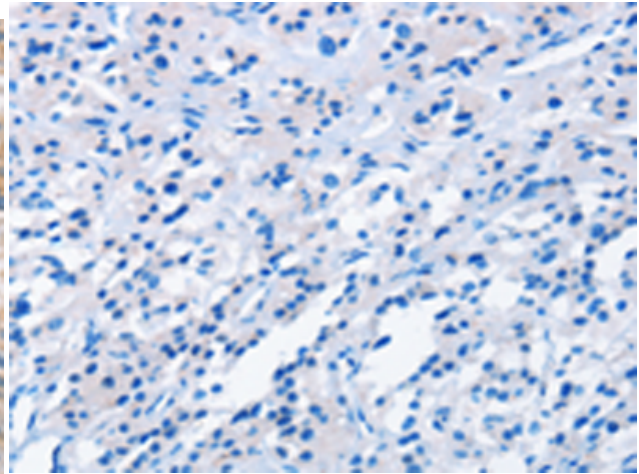**Constituents:**   PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

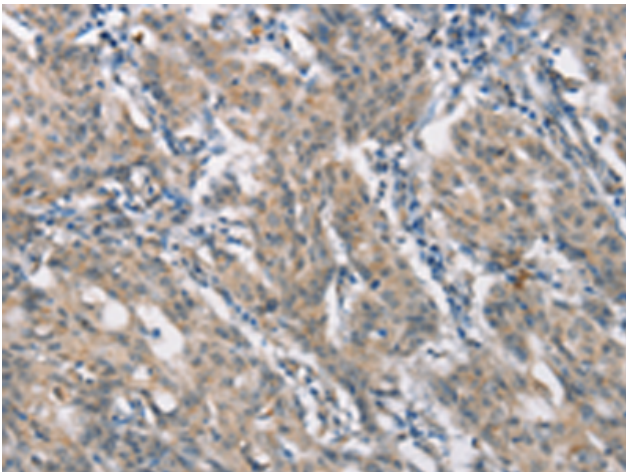**Research Areas:**   Neuroscience, Immunology

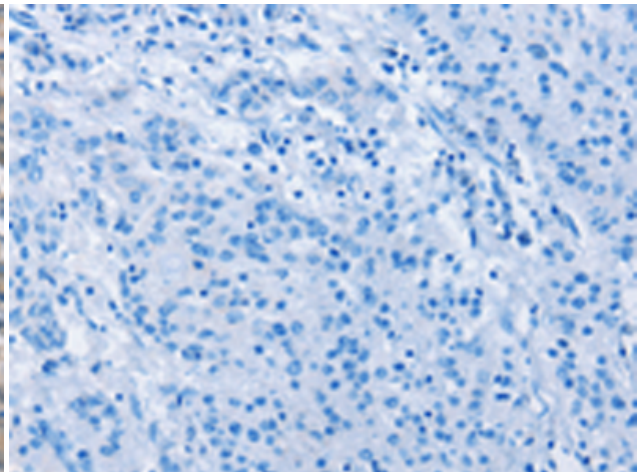**Storage & Shipping:**   Store at -20°C. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 220463(CLDN11 Antibody) at a dilution of 1/25(Cytoplasm and Cell membrane).

In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 220463(Anti-CLDN11 Antibody) at dilution 1/25.

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 220463(Anti-CLDN11 Antibody) at a dilution of 1/25.

In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with synthetic peptide and then with D261566(Anti-CLDN11 Antibody) at dilution 1/25.