# **Claudin 4 Polyclonal Antibody**

Catalog Number: E-AB-12454



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human, Mouse

**Immunogen** Synthetic peptide of human CLDN4

Host Rabbit
Isotype IgG

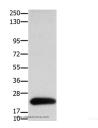
Purification Affinity purification
Conjugation Unconjugated

**Formulation** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

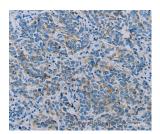
## **Applications** Recommended Dilution

WB 1:500-1:2000 IHC 1:25-1:100

#### Data



Western Blot analysis of HT-29 cell using Claudin 4 Polyclonal Antibody at dilution of 1:700 Calculated Mw:22kDa



Immunohistochemistry of paraffin-embedded Human breast cancer using Claudin 4 Polyclonal Antibody at dilution of 1:35

# Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

# **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.

#### For Research Use Only

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