

# Claudin-3 Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP01845

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Claudin 3. AA range:171-

220

Mol wt 23319

Species reactivity Human

**Clonality** Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Claudin-3 Antibody

Synonyms CLDN3; C7orf1; CPETR2; Claudin-3; Clostridium perfringens enterotoxin receptor 2; CPE-R 2; CPE-

receptor 2; Rat ventral prostate.1 protein homolog; hRVP1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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 claudin 3 encoded by CLDN3, 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 as sequence similarity with a putative apoptosis-related protein found in rat.

#### **Recommended Dilution**

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 5000

Not yet tested in other applications.

## **Images**

No images.

#### Storage

-20°C for one year