

# CLDN3 Rabbit Polyclonal Antibody



CAB2946

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

23kDa

### Calculated MW:

23kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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 protein encoded by this intronless gene, 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 aa sequence similarity with a putative apoptosis-related protein found in rat.

## Immunogen information

### Gene ID:

1365

### Uniprot

O15551

### Synonyms:

CLDN3; C7orf1; CPE-R2; CPETR2; HRVP1; RVP1; claudin-3

### Immunogen:

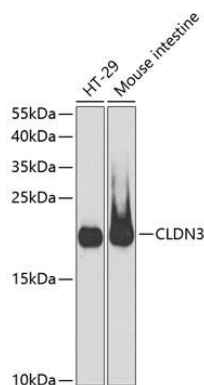
Recombinant protein of human CLDN3

### Storage:

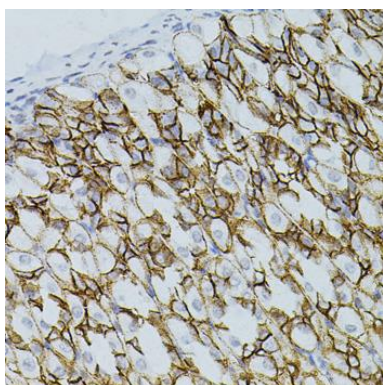
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

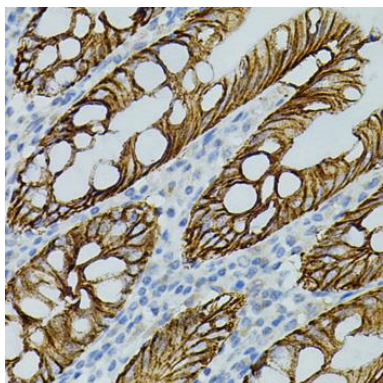
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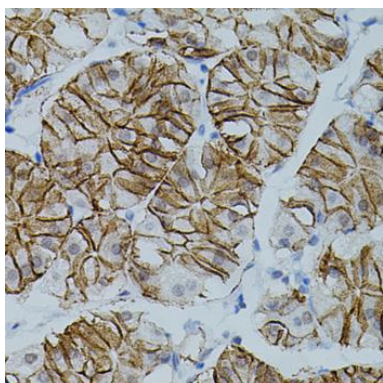
Western blot analysis of extracts of various cell lines, using CLDN3 antibody (CAB2946) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded mouse stomach using CLDN3 antibody (CAB2946) (40x lens).



Immunohistochemistry of paraffin-embedded human colon using CLDN3 antibody (CAB2946) (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using CLDN3 antibody (CAB2946) (40x lens).