

CLDN3

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:100 - 1:200

Calculated MW: 23kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CLDN3

Storage Buffer:

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

Synonym:

RVP1;HRVP1;C7orf1;CPE-R2;CPETR2;

Catalog #: A2946

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1365

Isotype: IgG

Swiss Prot: O15551

Purity: Affinity purification

For research use only.

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.

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