

CLDN4

Reactivity: Human Mouse Rat

Tested applications: WB IHC

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

Calculated MW: 22kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human CLDN4

Storage Buffer:

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

Synonym:

CPER; CPE-R; CPETR; CPETR1; WBSCR8; hCPE-R;

Catalog #: A2947

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1364

Isotype: IgG

Swiss Prot: O14493

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this intronless gene belongs to the claudin family. Claudins are integral membrane proteins that are components of the epithelial cell tight junctions, which regulate movement of solutes and ions through the paracellular space. This protein is a high-affinity receptor for Clostridium perfringens enterotoxin (CPE) 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.

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