

CLDN12 Rabbit Polyclonal Antibody



CAB10709

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to Figures

Calculated MW:

27kDa

Applications:

WB

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is expressed in the inner ear and bladder epithelium, and it is over-expressed in colorectal carcinomas. This protein and claudin 2 are critical for vitamin D-dependent Ca^{2+} absorption between enterocytes. Multiple alternatively spliced transcript variants encoding the same protein have been found.

Immunogen information

Gene ID:

9069

Uniprot

P56749

Synonyms:

CLDN12

Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CLDN12 (NP_001172001.1).

Storage:

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

Product Images
