

A10709

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CLDN12 Rabbit pAb

Catalog No.: A10709

Basic Information

Observed MW

Refer to Figures

Calculated MW

27kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

9069

Swiss Prot

P56749

Immunogen

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

Synonyms

CLDN12

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C . Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.