

Product Name: Claudin 3 Rabbit Monoclonal Antibody**Catalog #: AMRe21023**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:23kD;Observed MW:20kD

Antigen Information

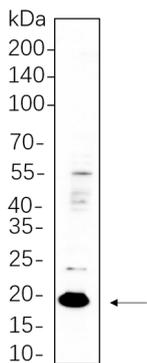
Gene Name	CLDN3
Alternative Names	C7orf1;Claudin-3;Claudin3;CLD3_HUMAN;CLDN 3;Cldn3;Clostridium perfringens enterotoxin receptor 2;CPE R2;CPE receptor 2;CPE-R 2;CPE-receptor 2;CPETR 2;CPETR2;HRVP 1;HRVP1;Rat ventral prostate 1 like protein;Rat ventral prostate.1 protein homolog;RVP1;Ventral prostate.1 like protein;Ventral prostate.1 protein homolog
Gene ID	1365.0
SwissProt ID	O15551
Immunogen	A synthetic peptide of human Claudin 3

Background

Cell localization:Membranous.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. [provided by RefSeq, Jul 2008],

Research Area

Image Data



HT-29 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with Claudin 3 Rabbit Monoclonal Antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.