Datasheet for ABIN7238078

anti-Claudin 4 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	Claudin 4 (CLDN4)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human CLDN4
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Claudin 4 (CLDN4)
Alternative Name:	Claudin 4 (CLDN4 Products)
Background:	Claudin 4, also known as CLDN4, is a protein which in humans is encoded by the CLDN4 gene. It belongs to the group of claudins. This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene

Target Details

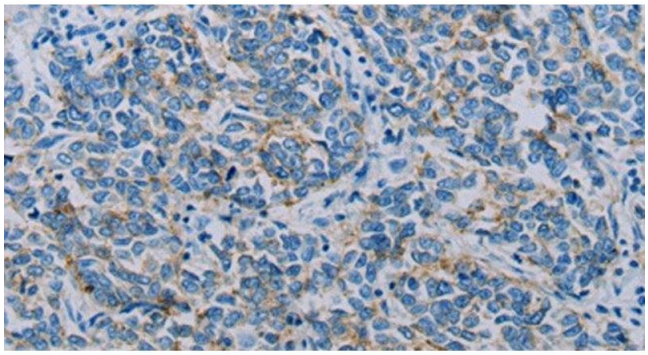
	is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems.
Molecular Weight:	22 kDa
NCBI Accession:	NP_001296
UniProt:	O14493
Pathways:	Hepatitis C

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:25-1:100
Restrictions:	For Research Use only

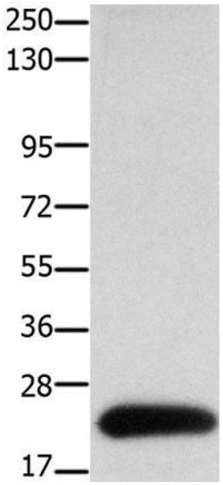
Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human breast cancer using Claudin 4 Polyclonal Antibody at dilution of 1:35



Western Blotting

Image 2. Western Blot analysis of HT-29 cell using Claudin 4 Polyclonal Antibody at dilution of 1:700