Datasheet for ABIN2778046

anti-Claudin 4 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	Claudin 4 (CLDN4)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Dog, Cow, Rabbit, Sheep, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CLDN4
Sequence:	KREMGASLYV GWAASGLLLL GGGLLCCNCP PRTDKPYSAK YSAARSAAAS
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 92%, Sheep: 92%
Characteristics:	This is a rabbit polyclonal antibody against CLDN4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Claudin 4 (CLDN4)
Alternative Name:	CLDN4 (CLDN4 Products)

Target Details

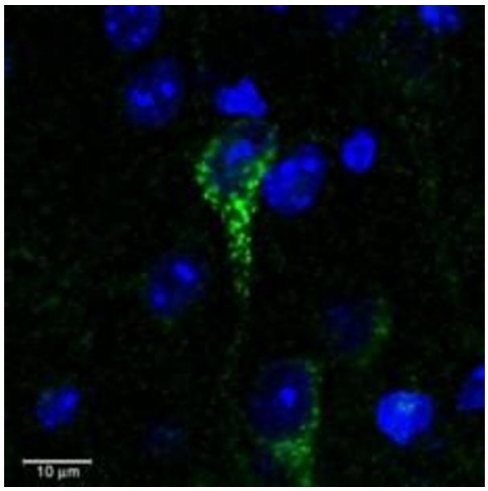
Background:	This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. Alias Symbols: CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R Protein Interaction Partner: SHBG, WNK4, TJP1, EPHA2, Protein Size: 209
Molecular Weight:	22 kDa
Gene ID:	1364
NCBI Accession:	NM_001305, NP_001296
UniProt:	O14493
Pathways:	Hepatitis C

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Immunofluorescence

Image 1.

