

Datasheet for ABIN951550

anti-Claudin 4 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	Claudin 4 (CLDN4)
Binding Specificity:	AA 177-206, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 177~206 amino acids from the C-terminal region of human CLDN4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CLDN4.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

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

Target Details

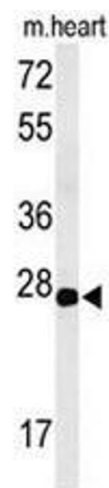
Background:	CLDN4 is an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life.Synonyms: CPE-R, CPE-Receptor, CPER, CPETR1, Clostridium perfringens enterotoxin receptor, WBSCR8, Williams-Beuren syndrome chromosomal region 8 protein
Molecular Weight:	22077 Da
Gene ID:	1364
NCBI Accession:	NP_001296
Pathways:	Hepatitis C

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
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 repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of CLDN4 Antibody (C-term) in mouse heart tissue lysates (35µg/lane). CLDN4 (arrow) was detected using the purified Pab.