

Datasheet for ABIN7295340  
**anti-Claudin 4 antibody (C-Term)**

## 2 Images

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## Overview

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

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Claudin 4.
Specificity:	Recognizes endogenous levels of Claudin 4 protein.
Characteristics:	Rabbit polyclonal antibody to Claudin 4
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	Claudin 4 (CLDN4)
Alternative Name:	Claudin 4 ( <a href="#">CLDN4 Products</a> )
Background:	CPER, CPETR1, WBSCR8, Claudin-4, Clostridium perfringens enterotoxin receptor, CPE-R, CPE-

Target Details

	receptor, Williams-Beuren syndrome chromosomal region 8 protein
Gene ID:	1364
UniProt:	<a href="#">O14493</a>
Pathways:	<a href="#">Hepatitis C</a>

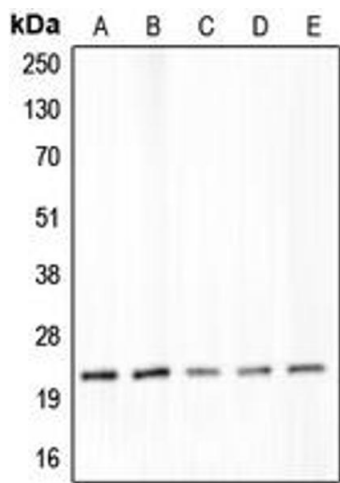
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

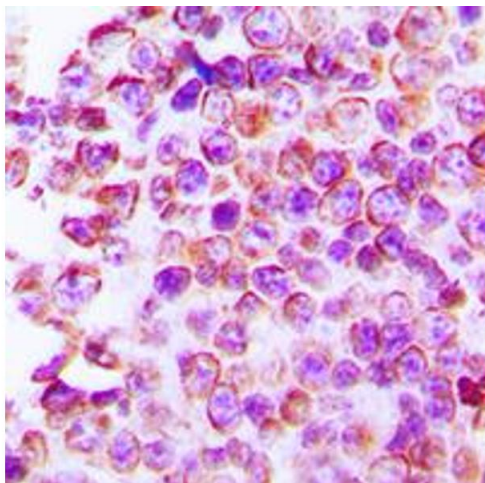
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



**Western Blotting**

**Image 1.** Western blot analysis of Claudin 4 expression in DLD (A), SW480 (B), LS1034 (C), MIA (D), PaCa2 (E) whole cell lysates.



#### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of Claudin 4 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.