

MaxPab®

## CLDN4 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00001364-D01

Size 100 uL

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human CLDN4 protein.
<b>Immunogen</b>	CLDN4 (NP_001296.1, 1 a.a. ~ 209 a.a) full-length human protein.
<b>Sequence</b>	MASMG LQVMGIALAVLGWLAVMLCCALPMWRVTAFIGSNVTSQTIWEGLWMNCVVQSTGQMQ CKVYDSL LALPQDLQAARALVIISIIVAALGVLLSVVGGKCTNCLEDESAKAKTMIVAGVVFLLAGL MVIVPVSWTAHNIQDFYNPLVASGQKREMGASLYVGWAASGLLLLGGGLCCNCPPRTDKPYS KYSAAARSAAASNYV
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	No additive
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot

### Gene Info — CLDN4

<b>Entrez GeneID</b>	<a href="#">1364</a>
<b>GeneBank Accession#</b>	<a href="#">NM_001305.3</a>
<b>Protein Accession#</b>	<a href="#">NP_001296.1</a>
<b>Gene Name</b>	CLDN4

Gene Alias	CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R
Gene Description	claudin 4
Omim ID	<a href="#">602909</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	Clostridium perfringens enterotoxin receptor 1 Williams-Beuren syndrome chromosomal region 8 protein

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)