

DNAxPAb

Hard-to-Find  
Antibody

# CLDN3 DNAxPab

Catalog # H00001365-W01P      Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human CLDN3 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — CLDN3

Entrez GeneID	<a href="#">1365</a>
GeneBank Accession#	<a href="#">NM_001306.2</a>
Protein Accession#	<a href="#">NP_001297.1</a>
Gene Name	CLDN3
Gene Alias	C7orf1, CPE-R2, CPETR2, HRVP1, RVP1
Gene Description	claudin 3
Omim ID	<a href="#">602910</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this intronless gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for Clostridium perfringens enterotoxin, and shares aa sequence similarity with a putative apoptosis-related protein found in rat. [provided by RefSeq]
Other Designations	CPE-receptor 2 Clostridium perfringens enterotoxin receptor 2 OTTHUMP00000025042 OTTHUMP00000160506 claudin-3 ventral prostate.1-like protein

## Pathway

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