

DNAXPAb

Hard-to-Find
Antibody

CLDN7 DNAXPab

Catalog # H00001366-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CLDN7 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MANSGQLLLGFSMALLGWVGLVACTAIPQWQMSSYAGDNIITAQAMYKGLWMDCVTQSTGMMS CKMYDSVLALSAALQATRALMVVSLVLGFLAMFVATMGMKCTRCGGDDKVKKARIAMGGGIIFV AGLATLVACSWYGHQIVTDFYNPLIPTNKEYEFGPAIFIGWAGSALVILGGALLSCSCPGNESKAGYR APRSYPKSNSSKEYV
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 — CLDN7

Entrez GeneID [1366](#)**GeneBank Accession#** [NM_001307.3](#)**Protein Accession#** [NP_001298.2](#)**Gene Name** CLDN7**Gene Alias** CEPTRL2, CPETRL2, Hs.84359, claudin-1**Gene Description** claudin 7**Omim ID** [609131](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Claudins, such as CLDN7, are involved in the formation of tight junctions between epithelial cells. Tight junctions restrict lateral diffusion of lipids and membrane proteins, and thereby physically define the border between the apical and basolateral compartments of epithelial cells (Zheng et al., 2003 [PubMed 14502431]).[supplied by OMIM]

Other Designations Clostridium perfringens enterotoxin receptor-like 2|claudin 9

Pathway

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