

DNAxPAb

Hard-to-Find
Antibody

CLDN14 DNAxPab

Catalog # H00023562-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CLDN14 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASTAVQLLGFLLSFLGMVGTLITILPHWRRTAHVGTNILTAVSYLKGLWMECVWHSTGIYQCQIY RSLALPQDLQAARALMVISCLLSGIACACAVIGMKCTRCAGTPAKTTFAILGGTLFILAGLLCMV AVSWTTNDVVQNFYNPLLPSPGMKFEIGQALYLGFISSSLIGGTLCLSCQDEAPYRPYQAPPRA TTTTANTAPAYQPPAAYKDNRAPSVTSATHSGYRLNDYV
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 — CLDN14

Entrez GeneID [23562](#)

GeneBank Accession# [NM_012130.2](#)

Protein Accession# [NP_036262.1](#)

Gene Name CLDN14

Gene Alias DFNB29

Gene Description claudin 14

Omim ID [605608](#)

Gene Ontology [Hyperlink](#)

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 gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. The encoded protein also binds specifically to the WW domain of Yes-associated protein. Defects in this gene are the cause of an autosomal recessive form of nonsyndromic sensorineural deafness. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000109045|OTTHUMP00000109046|OTTHUMP00000109047|OTTHUMP00000109048|OTTHUMP00000109049

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)

- [Hearing Loss](#)
- [Kidney Calculi](#)
- [Tobacco Use Disorder](#)