

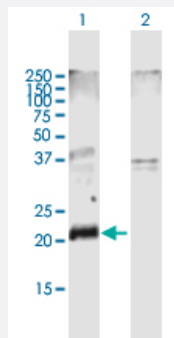
MaxPab®

CLDN10 MaxPab mouse polyclonal antibody (B01)

Catalog # H00009071-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CLDN10 expression in transfected 293T cell line ([H00009071-T01](#)) by CLDN10 MaxPab polyclonal antibody.

Lane 1: CLDN10 transfected lysate(25.19 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CLDN10 protein.
Immunogen	CLDN10 (AAH10920, 1 a.a. ~ 228 a.a) full-length human protein.
Sequence	MASTASEIIAFMVSISGWLVSSLTPTDYWKVSTIDGTVITTATYWANLWKACVTDSTGVSNCDF PSMLALDGYIQACRGLMIAAVSLGFFGSIFALFGMKCTKVGGSDDKAKAKIACLAGVFILSGLCSMT GCSLYANKITTEFFDPLFVEQKYELGAALFIGWAGASLCIIGGVIFCFSSISDNNKTPRYTYNGATSV SSRTKYHGGEDFKTTNPSKQFDKNAYV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — CLDN10

Entrez GeneID [9071](#)

GeneBank Accession# [BC010920](#)

Protein Accession# [AAH10920](#)

Gene Name CLDN10

Gene Alias CPETRL3, OSP-L

Gene Description claudin 10

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000018561|OTTHUMP00000018562

Publication Reference

- [Brain Transcriptome-Wide Screen for HIV-1 Nef Protein Interaction Partners Reveals Various Membrane-Associated Proteins.](#)

Kammula EC, Motter J, Gorgels A, Jonas E, Hoffmann S, Willbold D.

PLoS One 2012 Dec; 7(12):e51578.

Application: IF, Human, COS-7

Pathway

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

Disease

- [Tobacco Use Disorder](#)