

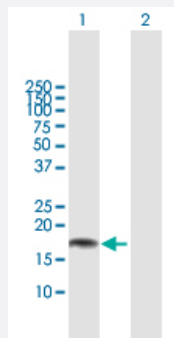
MaxPab®

CLDN1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009076-D01

Size 100 uL

Applications

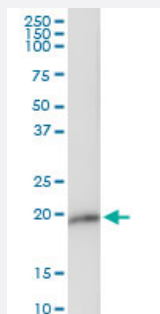


Western Blot (Transfected lysate)

Western Blot analysis of CLDN1 expression in transfected 293T cell line ([H00009076-T02](#)) by CLDN1 MaxPab polyclonal antibody.

Lane 1: CLDN1 transfected lysate(22.7 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CLDN1 transfected lysate using anti-CLDN1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CLDN1 MaxPab mouse polyclonal antibody (B01) ([H00009076-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CLDN1 protein.

Immunogen

CLDN1 (NP_066924.1, 1 a.a. ~ 211 a.a) full-length human protein.

Sequence

MANAGLQLLGFI A FLGWIGAVSTALPQWRIYSYAGDNMTAQAMY EGLWMSCVSQSTGQIQCKV
FDSLLNLSSTLQATRALMVVGILLGVIAIFVATVGMKCMKCLEDDEVQKMRMAVIGGAIFLLAGLAIL
VATAWYGNRIVQEFYDPMTPV NARYEFGQALFTGWAAASLCLLGALLCCSCPRKTTSYTPRPY
PKPAPSSGKDYV

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (90); Rat (90)
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.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — CLDN1

Entrez GeneID	9076
GeneBank Accession#	NM_021101.3
Protein Accession#	NP_066924.1
Gene Name	CLDN1
Gene Alias	CLD1, ILVASC, SEMP1
Gene Description	claudin 1
Omim ID	603718 607626
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. Loss of function mutations result in neonatal ichthyosis-sclerosing cholangitis syndrome. [provided by RefSeq]

Other Designations

senescence-associated epithelial membrane protein 1

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Tight junction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Substance Abuse](#)
- [Tobacco Use Disorder](#)