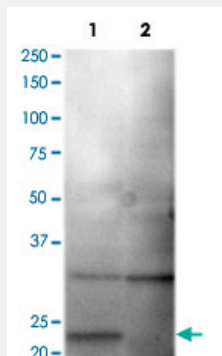


CLDN1 polyclonal antibody

Catalog # PAB19765 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of HEK293 cells over-expressing SLC2A1 (Lane 1) or a nono-specific control receptor (Lane 2) using CLDN1 polyclonal antibody (Cat # PAB19765) at 1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant CLDN1.
Immunogen	Recombinant protein corresponding to full length human CLDN1.
Sequence	MANAGLQLLGFI ¹ LAFLGWIGAVSTALPQWRIYSYAGDNVTAQAMY ² EGLWMSCVSQSTGQIQCKV FDSLLNLSSTLQATRALMVVGILLGVIAIFVATVGMKCMKCLEDDEVQKMRMAVIGGAIFLLAGLAIL VATAWYGNRIVQEFYDPMTVPVNARYEFGQALFTGWAAASLCLLGALLCCSCPRKTTSYPTPRPY PKPAPSSGKDYV
Host	Rabbit
Theoretical MW (kDa)	22.7
Reactivity	Human
Specificity	It displayed on membrane surface of lipoparticles.
Form	Liquid
Recommend Usage	Western Blot (1:200) The optimal working dilution should be determined by the end user.

Storage Buffer

In unpurified whole serum

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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Gene Info — CLDN1

Entrez GeneID[9076](#)**GeneBank Accession#**[NM_021101](#)**Protein Accession#**[NP_066924](#)**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](#)