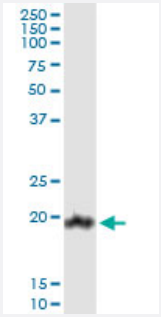
CLDN1 (Human) IP-WB Antibody Pair

Catalog # H00009076-PW3 Size 1 Set

Applications



Immunoprecipitation of CLDN1 transfected lysate using mouse monoclonal anti-CLDN1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-CLDN1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CLDN1 transfected lysate using mouse monoclonal anti-CLDN1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-CLDN1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-CLDN1 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-CLDN1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

  Protocol Download

Gene Info — CLDN1

Entrez GeneID	9076
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