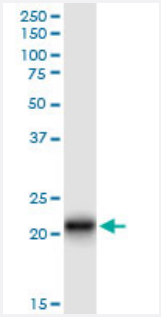
CLDN14 (Human) IP-WB Antibody Pair

Catalog # H00023562-PW2 Size 1 Set

Applications



Immunoprecipitation of CLDN14 transfected lysate using rabbit polyclonal anti-CLDN14 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-CLDN14.

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 (93); Rat (93)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CLDN14 transfected lysate using rabbit polyclonal anti-CLDN14 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-CLDN14.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-CLDN14 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-CLDN14 (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 — CLDN14

Entrez GeneID	23562
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