

CLDN14 Polyclonal Antibody

Catalog No. E-AB-92801

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

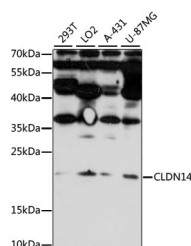
Reactivity	Human
Immunogen	Recombinant fusion protein of human CLDN14
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

Applications

Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of extracts of various cell lines using CLDN14 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:24kDa
Calculated Mw:25kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze/thaw cycles.

Background

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. It is also reported that four synonymous variants in this gene are associated with kidney stones and reduced bone mineral density. Several transcript variants encoding the same protein have been found for this gene.

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