Product Name: Claudin 1 Rabbit Monoclonal Antibody
Catalog #: AMRe21480

Summary

Production Name	Claudin 1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Immunogen

Gene Name	CLDN1
Alternative Names	CLDN1;CLD1;SEMP1;Claudin-1;Senescence-associated epithelial membrane protein
Gene ID	9076.0
SwissProt ID	O95832.

Application

Dilution Ratio	IHC 1:200-1:1000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200,
Molecular Weight	Calculated MW:22kD;Observed MW:19kD

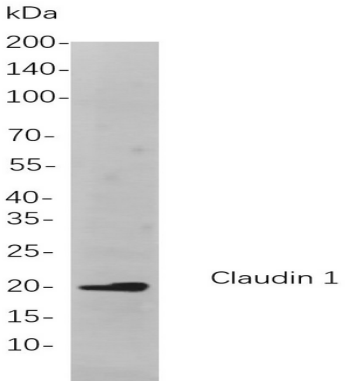
Background

Cell localization:Membrane.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, Jul 2008],

Research Area

Image Data



Western blot analysis of lysates from HepG2 cells, using Claudin 1 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

Note

For research use only.