

Claudin-1 Antibody

Catalog No: #29226

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Claudin-1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	Claudin 1 antibody detects endogenous levels of total Claudin 1
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human Claudin 1
Target Name	Claudin-1
Other Names	claudin 1; Claudin-1; CLD1; CLDN1; ILVASC; SEMP1; Senescence-associated epithelial membrane protein; senescence-associated epithelial membrane protein 1
Accession No.	Swiss-Prot#: O95832
Uniprot	O95832
GeneID	9076;
SDS-PAGE MW	22KD
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Storage	Store at -20°C/1 year

Application Details

WB: 1:500~1:3000

IHC: 1:50~1:200

Background

Claudin 1 Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium- independent cell-adhesion activity. Acts as a co- receptor for HCV entry into hepatic cells. Belongs to the claudin family. Can form homo- and heteropolymers with other CLDN. Homopolymers interact with CLDN3, but not CLDN2, homopolymers. Directly interacts with TJP1/ZO-1, TJP2/ZO-2 and TJP3/ZO-3. Interacts with MPDZ and INADL. May interact with HCV E1 and E2 proteins.

Note: This product is for in vitro research use only