Product Datasheet

Claudin-1 Antibody

Catalog No: #29226

Package Size: #29226-1 50ul #29226-2 100ul

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

Description

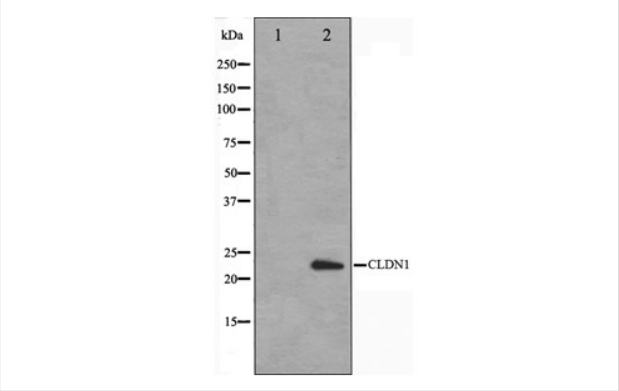
Product Name	Claudin-1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	Claudin 1 antibody detects endogenous levels of total Claudin 1
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human Claudin 1
Conjugates	Unconjugated
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
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

Images



Western blot analysis on HeLa cell lysate using Claudin 1 Antibody

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.

Published Papers

el at., Fecal microbiota transplantation mitigates bone loss by improving gut microbiome composition and gut barrier function in aged rats. In PeerJ on 2021 Oct 21 by Sicong Ma,

Ning Wang, et al..PMID:34721980, , (2021)

PMID:34721980

el at., Gut Microbiota Dysbiosis as One Cause of Osteoporosis by Impairing Intestinal Barrier Function. In Calcif Tissue Int on 2022 Feb by

Ning Wang, Sicong Ma, et al..PMID:34480200, , (2022)

PMID:34480200

Note: This product is for in vitro research use only and is not intended for use in humans or animals.