Claudin-1 Rabbit Polyclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM52818	Claudin-1 Rabbit Polyclonal Antibody	-20℃	1 年

产品概述：

产品货号	IM52818
别名	CLDN1;CLD1;SEMP1;Claudin-1;Senescence-associated epithelial membrane protein
产品名称	Claudin-1 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CLDN1
蛋白名称	Claudin-1
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, ELISA
反应种属	Human;Mouse;Rat
浓度	1mg/ml
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New typep reservative N.
Human Gene ID.	9076
Human Swiss prot No.	O95832
Mouse Gene ID	12737

Mouse Swissprot No.	O88551
Rat Gene ID	65129
Rat Swissprot No.	P56745
免疫原	The antiserum was produced against synthesized peptide derived from human Claudin 1. AA range:162-211
特异性	Claudin-1 Polyclonal Antibody detects endogenous levels of Claudin-1 protein.
稀释度	WB 1:500-1:2000, IHC-P 1:100-300, ELISA 1:20000, IF-P/IF-F/IF-ICC 1:100-300, Not yet tested in other applications.
预测分子量	22kDa
运输及保存条件	-20℃/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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

背景介绍	syndrome.[provided by RefSeq, Jul 2008],
组织表达	Strongly expressed in liver and kidney.Expressed in heart,brain,spleen,lung and testis.
细胞定位	Cell junction,tight junction.Cell membrane;Multi-pass membrane protein.Basolateral cell membrane.Associates with CD81 and the CLDN1-CD81 complex localizes to the basolateral cell membrane.
信号通路	Cell adhesion molecules(CAMs);Tight junction;Leukocyte transendothelial migration;Pathogenic Escherichia coli infection;
功能	disease:Defects in CLDN1 are the cause of ichthyosis-sclerosing cholangitis neonatal syndrome(NISCH)[MIM:607626];also called ichthyosis with leukocyte vacuoles alopecia and sclerosing cholangitis(ILVASC).NISCH is a rare autosomal recessive complex ichthyosis syndrome characterized by scalp hypotrichosis,scarring alopecia, vulgar type ichthyosis,and sclerosing cholangitis.,function:Plays a major role in tight junction-specific obliteration of the intercellular space,through calcium-independent cell-adhesion activity(By similarity).Acts as a co-receptor for HCV entry into hepatic cells.,similarity:Belongs to the claudin family.,subunit: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(By similarity).May interact with HCV E1 and E2 proteins.,tissue specificity:Strongly expressed in liver and kidney.Expressed in heart,brain,spleen,lungand testis.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope specific immunogen.
Clonality	Polyclonal

注意事项：

1. 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
3. 实验结果受多种因素影响，相关处理仅限于产品本身，不涉及其他赔偿。

免责声明：所有产品仅用作科学研究，不得用于其他用途！本公司将不为任何不正常使用此产品时所发生的意外负责。

北京伊事达科技有限公司
电话：13564444959
官网：www.followme-shop.com
地址：北京市海淀区东北旺西路58号尚科办公社区C区一楼

公众号　　客 服