

产品名称: Claudin-11 Rabbit Polyclonal Antibody
产品货号: APRab08902



产品概述 (Summary)

产品名称 (Production Name)	Claudin-11 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CLDN11
别名 (Alternative Names)	CLDN11; OSP; OTM; Claudin-11; Oligodendrocyte-specific protein
基因 ID (Gene ID)	5010.0
蛋白 ID (SwissProt ID)	O75508.The antiserum was produced against synthesized peptide derived from human Claudin 11. AA range:158-207

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	20kDa

研究背景 (Background)

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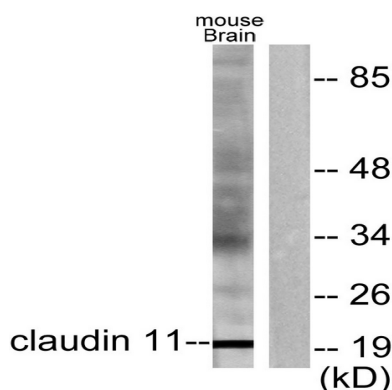


This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. The protein encoded by this gene is a major component of central nervous system (CNS) myelin and plays an important role in regulating proliferation and migration of oligodendrocytes. Mouse studies showed that the gene deficiency results in deafness and loss of the Sertoli cell epithelial phenotype in the testis. This protein is a tight junction protein at the human blood-testis barrier (BTB), and the BTB disruption is related to a dysfunction of this gene. Alternatively spliced transcript variants encoding different isoforms: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity., similarity: Belongs to the claudin family., subunit: Interacts with tetraspanin-3/TSPAN3.,

研究领域 (Research Area)

Cell adhesion molecules (CAMs); Tight junction; Leukocyte transendothelial migration;

图片 (Image Data)



Western blot analysis of lysates from mouse brain, using Claudin 11 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .