产品名称：Claudin-19 Rabbit Polyclonal Antibody
产品货号：APRab08904

产品概述（Summary）

产品名称（Production Name）	Claudin-19 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,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）	CLDN19
别名（Alternative Names）	CLDN19; Claudin-19
基因 ID（Gene ID）	149461.0
蛋白 ID（SwissProt ID）	Q8N6F1.The antiserum was produced against synthesized peptide derived from human CLDN19. AA range:81-130

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）	23kDa

研究背景（Background）

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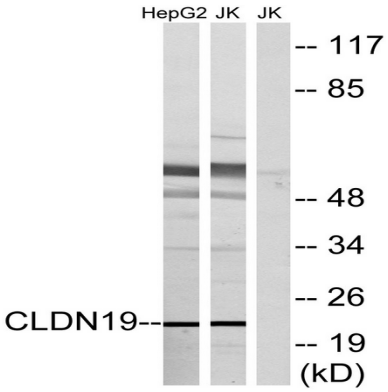
The product of this gene belongs to the claudin family. It plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Defects in this gene are the cause of hypomagnesemia renal with ocular involvement (HOMGO). HOMGO is a progressive renal disease characterized by primary renal magnesium wasting with hypomagnesemia, hypercalciuria and nephrocalcinosis associated with severe ocular abnormalities such as bilateral chorioretinal scars, macular colobomata, significant myopia and nystagmus. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jun 2010],disease:Defects in CLDN19 are the cause of hypomagnesemia renal with ocular involvement (HOMGO) [MIM:248190]. HOMGO is a progressive renal disease characterized by primary renal magnesium wasting with hypomagnesemia, hypercalciuria and nephrocalcinosis associated with severe ocular abnormalities such as bilateral chorioretinal scars, macular colobomata, significant myopia and nystagmus. The renal phenotype is virtually undistinguishable from that of patients with HOMG3 with proven CLDN16 mutations.,function: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.,

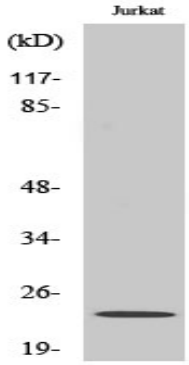
研究领域（Research Area）

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

图片（Image Data）



Western blot analysis of lysates from Jurkat and HepG2 cells, using CLDN19 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using Claudin-19 Polyclonal Antibody diluted at 1：500

注意事项（Note）

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