

产品名称: Nectin 1 Rabbit Polyclonal Antibody
产品货号: APRab14529



产品概述 (Summary)

产品名称 (Production Name)	Nectin 1 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)	PVRL1 PVRL1; HVEC; PRR1; Poliovirus receptor-related protein 1; Herpes virus entry mediator C; Herpesvirus entry mediator C; HveC; Herpesvirus Ig-like receptor; HlgR; Nectin-1; CD111
别名 (Alternative Names)	
基因 ID (Gene ID)	5818.0
蛋白 ID (SwissProt ID)	Q15223.The antiserum was produced against synthesized peptide derived from the Internal region of human PVRL1. 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)	57kDa

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研究背景 (Background)

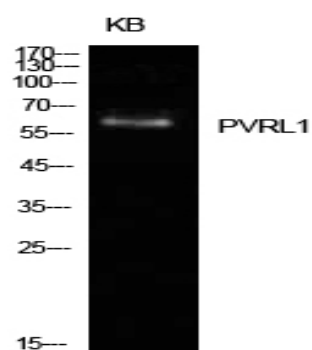
This gene encodes an adhesion protein that plays a role in the organization of adherens junctions and tight junctions in epithelial and endothelial cells. The protein is a calcium(2+)-independent cell-cell adhesion molecule that belongs to the immunoglobulin superfamily and has 3 extracellular immunoglobulin-like loops, a single transmembrane domain (in some isoforms), and a cytoplasmic region. This protein acts as a receptor for glycoprotein D (gD) of herpes simplex viruses 1 and 2 (HSV-1, HSV-2), and pseudorabies virus (PRV) and mediates viral entry into epithelial and neuronal cells. Mutations in this gene cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P). Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini. [provided by RefSeq, Oct 2009], disease: Defects in PVRL1 are the cause of ectodermal dysplasia Margarita Island type (EDMI) [MIM:225060]; also known as Zlotogora-Ogur syndrome, cleft lip/palate-ectodermal dysplasia syndrome (CLPED1) or ectodermal dysplasia 4. Ectodermal dysplasia defines a heterogeneous group of disorders due to abnormal development of two or more ectodermal structures. EDMI is an autosomal recessive syndrome characterized by the association of cleft lip/palate, ectodermal dysplasia (sparse short and dry scalp hair, sparse eyebrows and eyelashes), and partial syndactyly of the fingers and/or toes. Two thirds of the patients do not manifest oral cleft but present with abnormal teeth and nails., disease: Defects in PVRL1 are the cause of non-syndromic orofacial cleft type 7 (OFC7) [MIM:225060]. Non-syndromic orofacial cleft is a common birth defect consisting of cleft lips with or without cleft palate. Cleft lips are associated with cleft palate in two-third of cases. A cleft lip can occur on one or both sides and range in severity from a simple notch in the upper lip to a complete opening in the lip extending into the floor of the nostril and involving the upper gum., function: Promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between PVRL1/nectin-1 and PVRL3/nectin-3 and between PVRL1/nectin-1 and PVRL4/nectin-4., similarity: Belongs to the nectin family., similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain., similarity: Contains 2 Ig-like C2-type (immunoglobulin-like) domains., subunit: Can form trans-heterodimers with PVRL3/nectin-3 and with PVRL4/nectin-4. Interacts (via C-terminus) with afadin (via PDZ domain); this interaction recruits PVRL1 to cadherin-based adherens junctions. Interacts with integrin alphaV/beta3. Interacts with herpes simplex virus 1 and 2, and pseudorabies virus glycoprotein gD and act as a receptor for these viruses.,

研究领域 (Research Area)

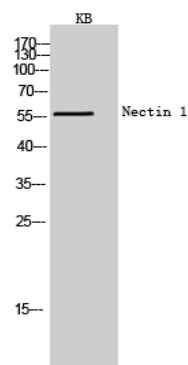
Cell adhesion molecules (CAMs); Adherens_Junction;

图片 (Image Data)

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Western Blot analysis of KB cells using Nectin 1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Western Blot analysis of KB cells using Nectin 1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .