

Nectin 1 Rabbit pAb

CatalogNo: YT5602

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 57kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:10000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human PVRL1. AA range: 81-130

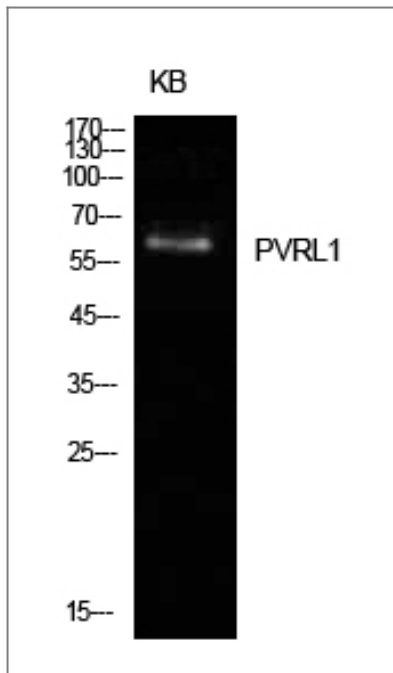
Specificity

Nectin 1 Polyclonal Antibody detects endogenous levels of Nectin 1 protein.

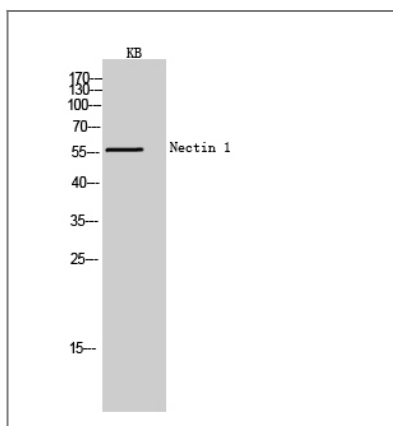
Target Information

Gene name	PVRL1		
Protein Name	Poliovirus receptor-related protein 1		
	Organism	Gene ID	UniProt ID
	Human	5818 ;	Q15223 ;
	Mouse	58235 ;	Q9JKF6 ;
Cellular Localization	[Isoform Alpha]: Cell membrane; Single-pass type I membrane protein. Cell junction, synapse, presynaptic cell membrane .; [Isoform Delta]: Cell membrane; Single-pass type I membrane protein.; [Isoform Gamma]: Secreted.		
Tissue specificity	Brain,Plasma,		
Function	<p>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.,</p>		

| Validation Data



Western Blot analysis of KB cells using Nectin 1 Polyclonal Antibody.
Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of KB cells using Nectin 1 Polyclonal Antibody.
Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Contact information

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Please scan the QR code
to access additional
product information:
Nectin 1 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)