

**PVRL1 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14654****Specification**

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**PVRL1 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q15223</a>
Other Accession	<a href="#">NM_002855</a> , <a href="#">NP_002846</a>
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa KDa

**PVRL1 antibody - N-terminal region - Additional Information****Gene ID** 5818**Alias Symbol** CD111, CLPED1, ED4, HlgR, HVEC, MGC142031, MGC16207, OFC7, PRR, PRR1, PVRR, PVRR1, SK-12, nectin-1**Other Names**

Nectin-1, Herpes virus entry mediator C, Herpesvirus entry mediator C, HveC, Herpesvirus Ig-like receptor, HlgR, Poliovirus receptor-related protein 1, CD111, PVRL1, HVEC, PRR1

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-PVRL1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

PVRL1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**PVRL1 antibody - N-terminal region - Protein Information****Name** NECTIN1 {ECO:0000303|PubMed:11356977, ECO:0000312|HGNC:HGNC:9706}**Function**

Cell adhesion molecule that promotes cell-cell contacts and plays important roles in the development of the nervous system (PubMed:&lt;a href="http://www.uniprot.org/citations/21325282" target="\_blank"&gt;21325282&lt;/a&gt;). Acts by forming homophilic or heterophilic trans- dimers (PubMed:&lt;a href="http://www.uniprot.org/citations/21325282" target="\_blank"&gt;21325282&lt;/a&gt;).

href="http://www.uniprot.org/citations/21325282" target="\_blank">21325282</a>). Heterophilic interactions have been detected between NECTIN1 and NECTIN3 and between NECTIN1 and NECTIN4 (By similarity). Involved in axon guidance by promoting contacts between the commissural axons and the floor plate cells (By similarity). Involved in synaptogenesis (By similarity). Has some neurite outgrowth- promoting activity (By similarity). Promotes formation of checkerboard- like cellular pattern of hair cells and supporting cells in the auditory epithelium via heterophilic interaction with NECTIN3: NECTIN1 is present in the membrane of hair cells and associates with NECTIN3 on supporting cells, thereby mediating heterotypic adhesion between these two cell types (By similarity). Required for enamel mineralization (By similarity).

#### Cellular Location

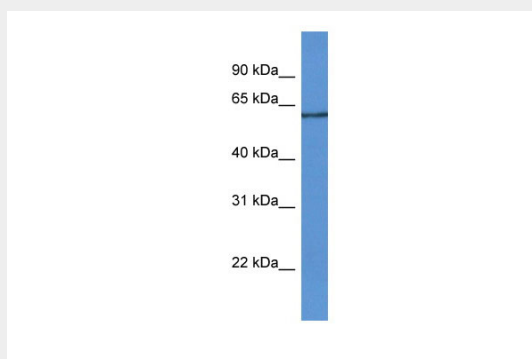
Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction. Presynaptic cell membrane {ECO:0000250|UniProtKB:Q9JKF6}; Single-pass type I membrane protein Note=In the auditory epithelium, specifically localizes to the apical side of the lateral membranes of hair cells {ECO:0000250|UniProtKB:Q9JKF6} [Isoform Delta]: Cell membrane; Single-pass type I membrane protein

#### PVRL1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### PVRL1 antibody - N-terminal region - Images



WB Suggested Anti-PVRL1 Antibody Titration: 1.0 µg/ml  
Positive Control: MCF7 Whole Cell

#### PVRL1 antibody - N-terminal region - References

Lopez M., et al. Gene 155:261-265(1995).  
Geraghty R.J., et al. Science 280:1618-1620(1998).  
Lopez M., et al. J. Virol. 75:5684-5691(2001).  
Suzuki K., et al. Nat. Genet. 25:427-430(2000).  
Krummenacher C., et al. J. Virol. 72:7064-7074(1998).