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# PVRL1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14654

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q15223 |
| **Other Accession** | NM_002855, NP_002846 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Human, Mouse, Rat, Pig, Dog, Guinea Pig, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 57158 |

## Additional Information

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| **Gene ID** | 5818 |
| **Alias Symbol** | CD111, CLPED1, ED4, HIgR, 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, HIgR, 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. |

## Protein Information

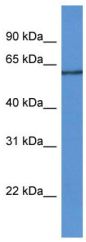
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| **Name** | NECTIN1 {ECO:0000303\|PubMed:11356977, ECO:0000312\|HGNC:HGNC:9706} |
| **Function** | Cell adhesion molecule that promotes cell-cell contacts and plays important roles in the development of the nervous system (PubMed:21325282). Acts by forming homophilic or heterophilic trans- dimers (PubMed:21325282). 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 synaptogegesis (By similarity). Has some |

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| | 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, specificaly 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 |

## 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).


## Images




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


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.