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# Anti-Nectin-1 / PVRL1 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18330

## Product Information

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| **Application** | WB, IHC-P |
| **Primary Accession** | Q15223 |
| **Predicted** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Calculated MW** | 57158 |

## Additional Information

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| **Gene ID** | 5818 |
| **Alias Symbol** | PVRL1 |
| **Other Names** | PVRL1, CD111 antigen, CLPED1, CD111, Herpesvirus entry mediator C, Herpes virus entry mediator C, Herpesvirus Ig-like receptor, Nectin 1, OFC7, Poliovirus receptor-like 1, PRR, Nectin-1, PRR1, PVRR, PVRR1, SK-12, ED4, HIgR, HVEC |
| **Target/Specificity** | Human Nectin-1 / PVRL1 |
| **Reconstitution & Storage** | Affinity purified |
| **Precautions** | Anti-Nectin-1 / PVRL1 Antibody 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 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 |

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| | 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 |

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