

PVRL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6259a**Specification**

PVRL1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O15223](#)
Other Accession [NP_002846](#)

PVRL1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5818

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6259a](/product/products/AP6259a) was selected from the C-term region of human PVRL1 . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PVRL1 Antibody (C-term) Blocking Peptide - 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:[21325282](http://www.uniprot.org/citations/21325282)). Acts by forming homophilic or heterophilic trans- dimers (PubMed:[21325282](http://www.uniprot.org/citations/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 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 (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PVRL1 Antibody (C-term) Blocking Peptide - Images**PVRL1 Antibody (C-term) Blocking Peptide - References**

Bender, F.C., et al., J. Virol. 77(17):9542-9552 (2003). Yoon, M., et al., J. Virol. 76(14):7203-7208 (2002). Lopez, M., et al., J. Virol. 75(12):5684-5691 (2001). Suzuki, K., et al., Nat. Genet. 25(4):427-430 (2000). Cocchi, F., et al., Proc. Natl. Acad. Sci. U.S.A. 95(26):15700-15705 (1998).