

**产品名称:** Nectin 3 Rabbit Polyclonal Antibody  
**产品货号:** APRab14532



## 产品概述 (Summary)

|                        |                                     |
|------------------------|-------------------------------------|
| 产品名称 (Production Name) | Nectin 3 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody          |
| 宿主 (Host)              | Rabbit                              |
| 应用 (Application)       | WB,ELISA                            |
| 种属反应性 (Reactivity)     | Human,Mouse                         |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | PVRL3                                                                                                    |
| 别名 (Alternative Names) | PVRL3; PRR3; Poliovirus receptor-related protein 3; CDw113; Nectin-3; CD antigen CD113                   |
| 基因 ID (Gene ID)        | 25945.0                                                                                                  |
| 蛋白 ID (SwissProt ID)   | Q9NQS3.The antiserum was produced against synthesized peptide derived from human PVRL3. AA range:184-233 |

## 产品应用 (Application)

|                          |                                      |
|--------------------------|--------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,ELISA 1:5000-1:10000 |
| 蛋白分子量 (Molecular Weight) | 61kDa                                |

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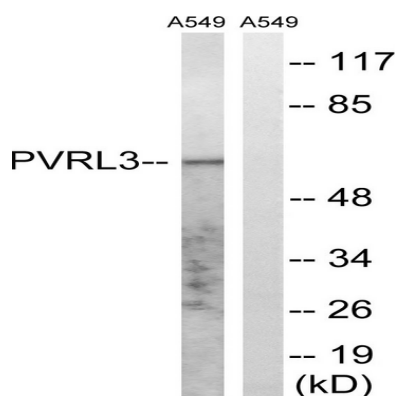
## 研究背景 (Background)

This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011],function:Plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with PVRL2/nectin-2 at Sertoli-spermatid junctions. Trans-interaction with PVR induces activation of CDC42 and RAC small G proteins through common signaling molecules such as SRC and RAP1. Also involved in the formation of cell-cell junctions, including adherens junctions and synapses. Induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation. Plays a role in the morphology of the ciliary body.,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:Cis- and trans-homodimer. Can form trans-heterodimers with PVRL1/nectin-1, PVRL2/nectin-2, PVR, IGSF4B/Necl-1 and with IGSF4. Interacts with MLLT4/afadin. Binds with low affinity to TIGIT.,tissue specificity:Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines.,

## 研究领域 (Research Area)

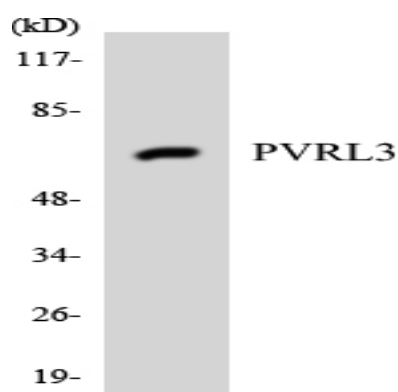
Cell adhesion molecules (CAMs);Adherens\_Junction;

## 图片 (Image Data)

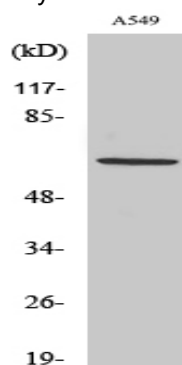


Western blot analysis of lysates from A549 cells, using PVRL3 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HUVEC cells using PVRL3 antibody.



Western Blot analysis of various cells using Nectin 3 Polyclonal Antibody

### 注意事项 (Note)

For research use only .