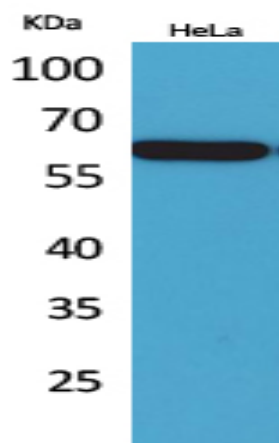


Nectin 3 Polyclonal Antibody

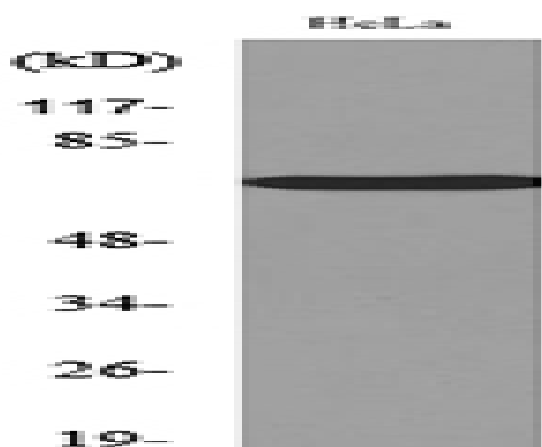
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|------------------------------|--|
| Catalog No : | YT5261 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;ELISA |
| Target : | Nectin 3 |
| Fields : | >>Cell adhesion molecules;>>Adherens junction |
| Gene Name : | PVRL3 |
| Protein Name : | Poliovirus receptor-related protein 3 |
| Human Gene Id : | 25945 |
| Human Swiss Prot No : | Q9NQS3 |
| Mouse Gene Id : | 58998 |
| Mouse Swiss Prot No : | Q9JLB9 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from the Internal region of human PVRL3. AA range:311-360 |
| Specificity : | Nectin 3 Polyclonal Antibody detects endogenous levels of Nectin 3 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |

| | |
|-------------------------------|--|
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 60kD |
| Cell Pathway : | Cell adhesion molecules (CAMs);Adherens_Junction; |
| 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 : | 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 |
| Subcellular Location : | Cell membrane ; Single-pass membrane protein . Cell junction, synapse, postsynaptic cell membrane . |
| Expression : | Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines. |

Products Images



Western Blot analysis of HeLa cells using Nectin 3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from HeLa cells, using PVRL3 Antibody.