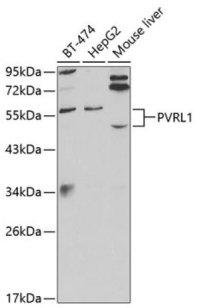
# Poliovirus Receptor Related Protein 1 (PVRL1) Antibody

Catalogue No.:abx001654




Western blot analysis of extracts of various cell lines using PVRL1 Antibody (1/1000 dilution).

PVRL1 Antibody is a Rabbit Polyclonal antibody against PVRL1. This gene encodes an adhesion protein that plays a role in the organization of adherens junctions and tight junctions in epithelial and endothelial cells. The protein is a calcium(2+)-independent cell-cell adhesion molecule that belongs to the immunoglobulin superfamily and has 3 extracellular immunoglobulin-like loops, a single transmembrane domain (in some isoforms), and a cytoplasmic region. This protein acts as a receptor for glycoprotein D (gD) of herpes simplex viruses 1 and 2 (HSV-1, HSV-2), and pseudorabies virus (PRV) and mediates viral entry into epithelial and neuronal cells. Mutations in this gene cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P). Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini. [provided by RefSeq, Oct 2009].



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| **Target:** | Poliovirus Receptor Related Protein 1 (PVRL1) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human, Mouse, Rat |
| **Tested Applications:** | WB |
| **Host:** | Rabbit |
| **Recommended dilutions:** | WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | Recombinant fusion protein corresponding to human PVRL1 |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified by affinity chromatography. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |


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| **UniProt Primary AC:** | Q15223 (UniProt, ExPASy) |
| **Gene Symbol:** | NECTIN1 |
| **GeneID:** | 5818 |
| **NCBI Accession:** | NP_002846.3 |
| **KEGG:** | hsa:5818 |
| **String:** | 9606.ENSP00000264025 |
| **Molecular Weight:** | Calculated MW: 39 kDa/50 kDa/57 kDa<br>Observed MW: 55 kDa |
| **Buffer:** | PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol. |
| **Concentration:** | 1 mg/ml |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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