

PVRL1 Antibody

Catalog No: #31189

Package Size: #31189-1 50ul #31189-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	PVRL1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total PVRL1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 472-486 amino acids of Human Poliovirus receptor-related protein 1
Target Name	PVRL1
Other Names	Poliovirus receptor-related protein 1, ED4, PRR, HlgR, HVEC, OFC7, PRR1, PVRR, CD111, PVRR1, SK-12, CLPED1, nectin-1
Accession No.	Swiss-Prot:Q15223Gene ID:5818;
Uniprot	Q15223
GeneID	5818;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

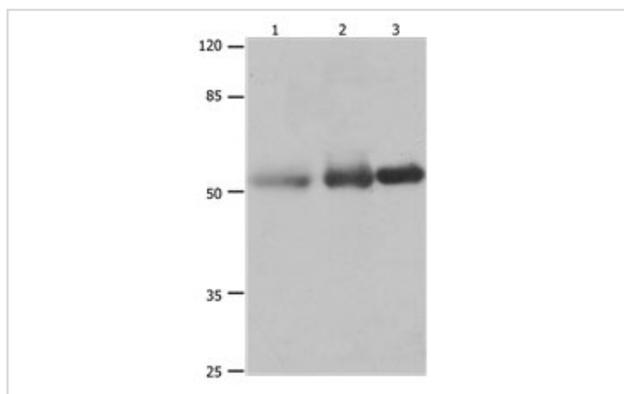
Application Details

Predicted MW: 57kd

ELISA: 1:500-1:5000

Western blotting: 1:200-1:1000

Images



Gel: 10%SDS-PAGE

Lane1: Human cervical cancer tissue lysate

Lane2: Human legs fibrous histiocytoma tissue lysate

Lane3: Human fetal brain tissue lysate

Lysates: 30ug per lane

Primary antibody: 1/400 dilution

Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilution

Exposure time: 1 minute

Background

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.

Note: This product is for in vitro research use only