

Rabbit PVRL1 Polyclonal Antibody | anti-PVRL1 antibody

PVRL1 Antibody

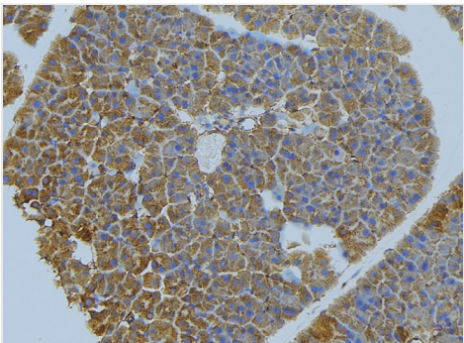
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326533	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

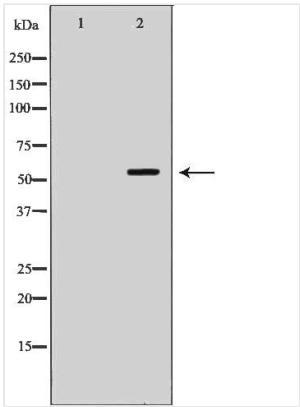
PVRL1; Polyclonal Antibody; PVRL1 Antibody; CD111; CD111 antigen; CLPED1; ectodermal dysplasia 4 (Margarita Island type); ED4; Herpes virus entry mediator C; Herpesvirus entry mediator C; Herpesvirus Ig like receptor; Herpesvirus Ig-like receptor; HlgR; HveC; MGC142031; Nectin 1; Nectin-1; OFC7; OROFACIAL CLEFT 7; OTTHUMP00000232093; OTTHUMP00000232094; OTTHUMP00000232095; Poliovirus receptor related protein 1; poliovirus receptor-like 1; Poliovirus receptor-related protein 1; PRR; PRR1; PVRL 1; PVRL1_HUMAN; PVRR; PVRR1; SK-12; anti-PVRL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PVRL1 antibody detects endogenous levels of total PVRL1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	517
Applicable Applications for anti-PVRL1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PVRL1
Subcellular Location	Secreted and Cell Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (92%), Bovine (83%), Horse (100%), Sheep (83%), Rabbit (92%), Dog (92%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA326533 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of HepG2, using PVRL1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PVRL1 antibody

Description: 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]

Function: Promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between NECTIN1 and NECTIN3 and between NECTIN1 and NECTIN4. Has some neurite outgrowth-promoting activity.

Subunit Structure: Interacts (via Ig-like C2-type domain 2) with FGFR1, FGFR2 and FGFR3 (By similarity). Cis- and trans-homodimer. Can form trans-heterodimers with NECTIN3 and with NECTIN4. Interaction between NECTIN1 and NECTIN3 on the pre- and postsynaptic sites, respectively, initiates the formation of puncta adherentia junctions between axons and dendrites. Interacts (via cytoplasmic domain) with AFDN (via PDZ domain); this interaction recruits NECTIN1 to cadherin-based adherens junctions and provides a connection with the actin cytoskeleton. Interacts with integrin alphaV/beta3.

Similarity: Ig-like C2-type 2 mediates neurite outgrowth through binding, induction of phosphorylation, and activation of FGFR. Belongs to the nectin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42560237
NCBI GeneID	5818
NCBI Accession #	NP_002846.3
NCBI GenBank Nucleotide #	NM_002855.4
UniProt Accession #	Q15223; O75465; Q2M3D3; Q9HBE6; Q9HBW2
Molecular Weight	Observed: 57 kDa Predicted: 58 kDa
NCBI Official Full Name	nectin-1 isoform 1
NCBI Official Synonym Full Names	nectin cell adhesion molecule 1
NCBI Official Symbol	NECTIN1
NCBI Official Synonym Symbols	ED4; PRR; HlgR; HV1S; HVEC; OFC7; PRR1; PVRR; CD111; PVRL1; PVRR1; SK-12; CLPED1; nectin-1

NCBI Protein Information	nectin-1
UniProt Protein Name	Nectin-1
UniProt Gene Name	NECTIN1
UniProt Synonym Gene Names	HVEC; PRR1; PVRL1; Herpesvirus entry mediator C; HveC; HIgR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pvrl1-antibody-immunohistochemistry-western-blot-elisa/326533>