

Rabbit anti-Human PVRL4 Polyclonal Antibody | anti-PVRL4 antibody

PVRL4 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28678	Rabbit	Human	Western Blot, Dot Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Flow Cytometry, Functional Assay

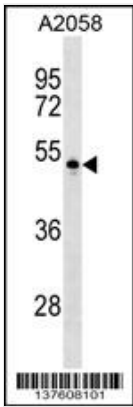
PRODUCT SYNONYMS

PVRL4; Polyclonal Antibody; PVRL4 Antibody (Center); Nectin-4; Ig superfamily receptor LNIR; Poliovirus receptor-related protein 4; Processed poliovirus receptor-related protein 4; LNIR; PRR4; anti-PVRL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PVRL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-266 amino acids from the Central region of human PVRL4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	239-266
Sequence Length	219
Applicable Applications for anti-PVRL4 antibody	WB (Western Blot), Blocking, DB (Dot Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), Cell Culture
Application Notes	WB~~1:1000
Function	Seems to be involved in cell adhesion through trans- homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction. Note=Colocalizes with AFDN at cadherinbased adherens junctions (PubMed:11544254)
Tissue Location	Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
PVRL4 Antibody (Center) (AAA28678) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the PVRL4 antibody detected the PVRL4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PVRL4 antibody	Poliovirus receptor-like proteins (PVRLs), such as PVRL4, are adhesion receptors of the immunoglobulin superfamily and function in cell-cell adhesion (Reymond et al., 2001 [PubMed 11544254]).
Product Categories/Family for anti-PVRL4 antibody	Cell Biology
References	Derycke, M.S., et al. Am. J. Clin. Pathol. 134(5):835-845(2010) Brancati, F., et al. Am. J. Hum. Genet. 87(2):265-273(2010) Takano, A., et al. Cancer Res. 69(16):6694-6703(2009) Fabre-Lafay, S., et al. BMC Cancer 7, 73 (2007) : Fabre-Lafay, S., et al. J. Biol. Chem. 280(20):19543-19550(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136611
NCBI GeneID	81607
NCBI Accession #	NP_112178.2
NCBI GenBank Nucleotide #	NM_030916.2
UniProt Accession #	Q96NY8; Q96K15; B4DQW3
Molecular Weight	Calculated MW: 55454
NCBI Official Full Name	nectin-4
NCBI Official Synonym Full Names	poliovirus receptor-related 4
NCBI Official Symbol	PVRL4
NCBI Official Synonym Symbols	LNIR; PRR4; EDSS1; nectin-4
NCBI Protein Information	nectin-4
UniProt Protein Name	Nectin-4
UniProt Gene Name	PVRL4
UniProt Synonym Gene Names	LNIR; PRR4

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/pvrl4-antibody-western-blot-dot-blot-immunohistochemistry-immunofluorescence-immunoprecipitation-flow-cytometry-elisa/28678>