

PVRL4 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17922c

Specification

PVRL4 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O96NY8
Other Accession	NP_112178.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55454
Antigen Region	239-266

PVRL4 Antibody (Center) - Additional Information

Gene ID 81607

Other Names

Nectin-4, Ig superfamily receptor LNIR, Poliovirus receptor-related protein 4, Processed poliovirus receptor-related protein 4, PVRL4, LNIR, PRR4

Target/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.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

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.

Precautions

PVRL4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PVRL4 Antibody (Center) - Protein Information

Name NECTIN4 ([HGNC:19688](#))

Synonyms LNIR, PRR4, PVRL4

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 cadherin- based adherens junctions (PubMed:11544254)

Tissue Location

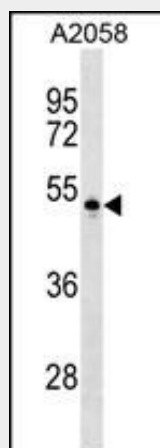
Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma

PVRL4 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PVRL4 Antibody (Center) - Images



PVRL4 Antibody (Center) (Cat. #AP17922c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the PVRL4 antibody detected the PVRL4 protein (arrow).

PVRL4 Antibody (Center) - Background

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]).

PVRL4 Antibody (Center) - 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)