

Product Name: Nectin 4 Rabbit Polyclonal Antibody
Catalog #: APRab14534



Summary

Production Name	Nectin 4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	PVRL4
Alternative Names	PVRL4; LNIR; PRR4; Poliovirus receptor-related protein 4; Ig superfamily receptor LNIR; Nectin-4
Gene ID	81607.0
SwissProt ID	Q96NY8.The antiserum was produced against synthesized peptide derived from human PVRL4. AA range:312-361

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:5000.
Molecular Weight	55kD

Background

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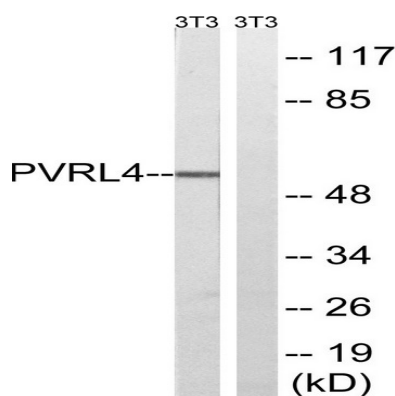


This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined.[provided by RefSeq, Jan 2011],function:Seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with PVRL2/nectin-1. Does not act as receptor for alpha-herpesvirus entry into cells,PTM:The soluble form is produced by proteolytic cleavage at the cell surface (shedding), probably by ADAM17/TACE,.,similarity:Belongs to the nectin family,.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain,.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains,.,subcellular location:Colocalizes with MLLT4 at cadherin-based adherens junctions,.,subcellular location:The secreted form is found in breast tumor patients,.,subunit:Self-associates. Interacts via its Ig-like V-type domain with PVRL1/nectin-1 Ig-like V-type domain. Interacts via its C-terminus with MLLT4,.,tissue specificity:Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma,.,

Research Area

Adherens_Junction;

Image Data



Western blot analysis of lysates from NIH/3T3 cells, using PVRL4 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.