

Nectin 4 Rabbit pAb

CatalogNo: YT3025

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 55kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:5000

Not yet tested in other applications.

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

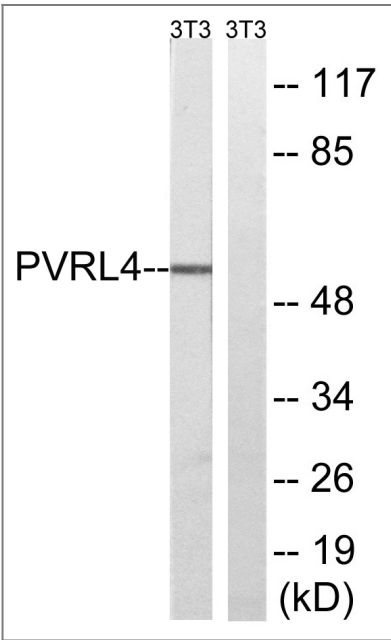
Immunogen The antiserum was produced against synthesized peptide derived from human PVRL4. AA range: 312-361

Specificity Nectin 4 Polyclonal Antibody detects endogenous levels of Nectin 4 protein.

Target Information

Gene name	PVRL4		
Protein Name	Poliovirus receptor-related protein 4		
	Organism	Gene ID	UniProt ID
	Human	81607 ;	Q96NY8 ;
	Mouse		Q8R007 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Cell junction, adherens junction . Colocalizes with AFDN at cadherin-based adherens junctions (PubMed:11544254).; [Processed poliovirus receptor-related protein 4]: Secreted . The secreted form is found in breast tumor patients (PubMed:15784625).		
Tissue specificity	Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma.		
Function	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.,		

Validation Data



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

| Contact information

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Nectin 4 Rabbit pAb

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