

Product name:	Nectin 4 Rabbit Polyclonal Antibody
Cat number:	ABN14534
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human PVRL4. AA range:312-361
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:10000
Molecular Weight:	55kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

Background:

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.,