ELK Biotechnology

Nectin 4 rabbit pAb

Cat No.:ES7647

For research use only

Overview

Product Name	Nectin 4 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
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.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Poliovirus receptor-related protein 4
Gene Name	PVRL4
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 foun
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	81607
Human Swiss-Prot Number	Q96NY8
Alternative Names	PVRL4; LNIR; PRR4; Poliovirus receptor-related protein 4; Ig superfamily receptor LNIR; Nectin-4
Background	This gene encodes a member of the nectin family.

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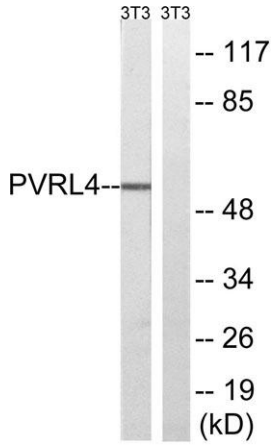
The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the 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],



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

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