



Rabbit Anti-Nectin 4 antibody

SL10029R

Product Name:	Nectin 4
Chinese Name:	脊髓灰质炎病毒受体相关蛋白4抗体
Alias:	Ig superfamily receptor LNIR; Nectin 4; poliovirus receptor-related 4; PRR4; poliovirus receptor related 4; DKFZp686K05193; EDSS1; Nectin-4; poliovirus receptor-related 4; Processed poliovirus receptor-related protein 4; pvr14; PVRL4_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	53kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Nectin 4:151-250/510
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

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. Binds to Measles virus protein H and acts as a receptor for this virus.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein (Potential). Cell junction, adherens junction. Processed poliovirus receptor-related protein 4: Secreted.

Tissue Specificity:

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

Similarity:

Belongs to the nectin family.

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

SWISS:

Q96NY8

Gene ID:

81607

Database links:

[Entrez Gene: 81607](#) Human

[Entrez Gene: 71740](#) Mouse

[Entrez Gene: 498281](#) Rat

[Omim: 609607](#) Human

[SwissProt: Q5E9Z9](#) Cow

[SwissProt: Q96NY8](#) Human

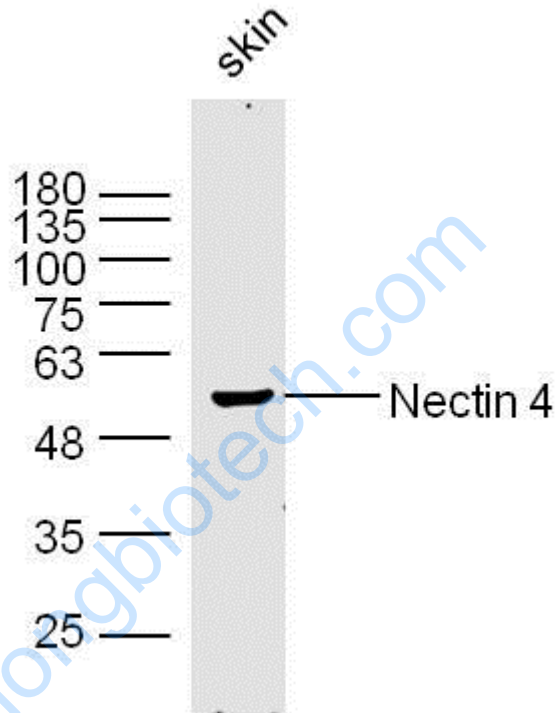
[SwissProt: Q8R007](#) Mouse

[Unigene: 492490](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



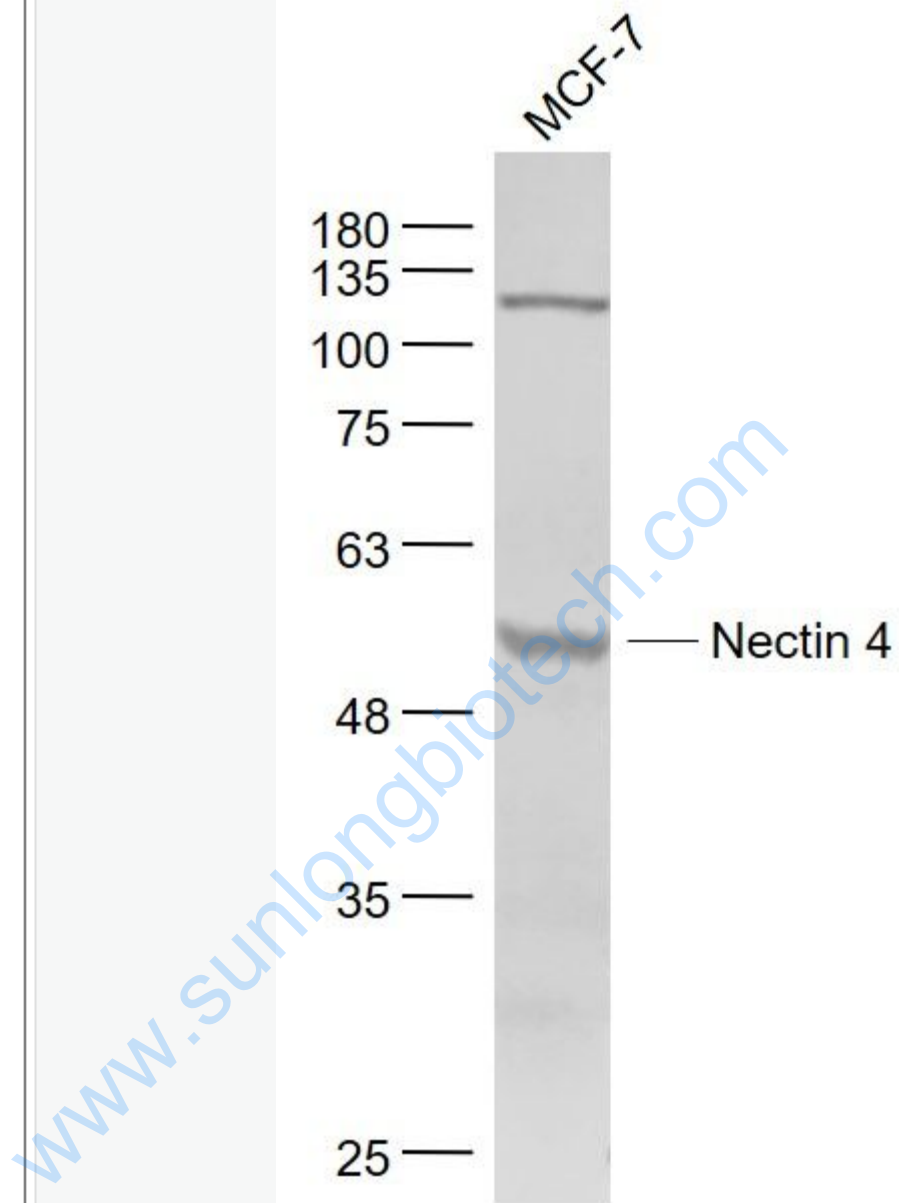
Sample: Skin (Mouse) Lysate at 40 ug

Primary: Anti-Nectin 4 (SL10029R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 53 kD



Sample:

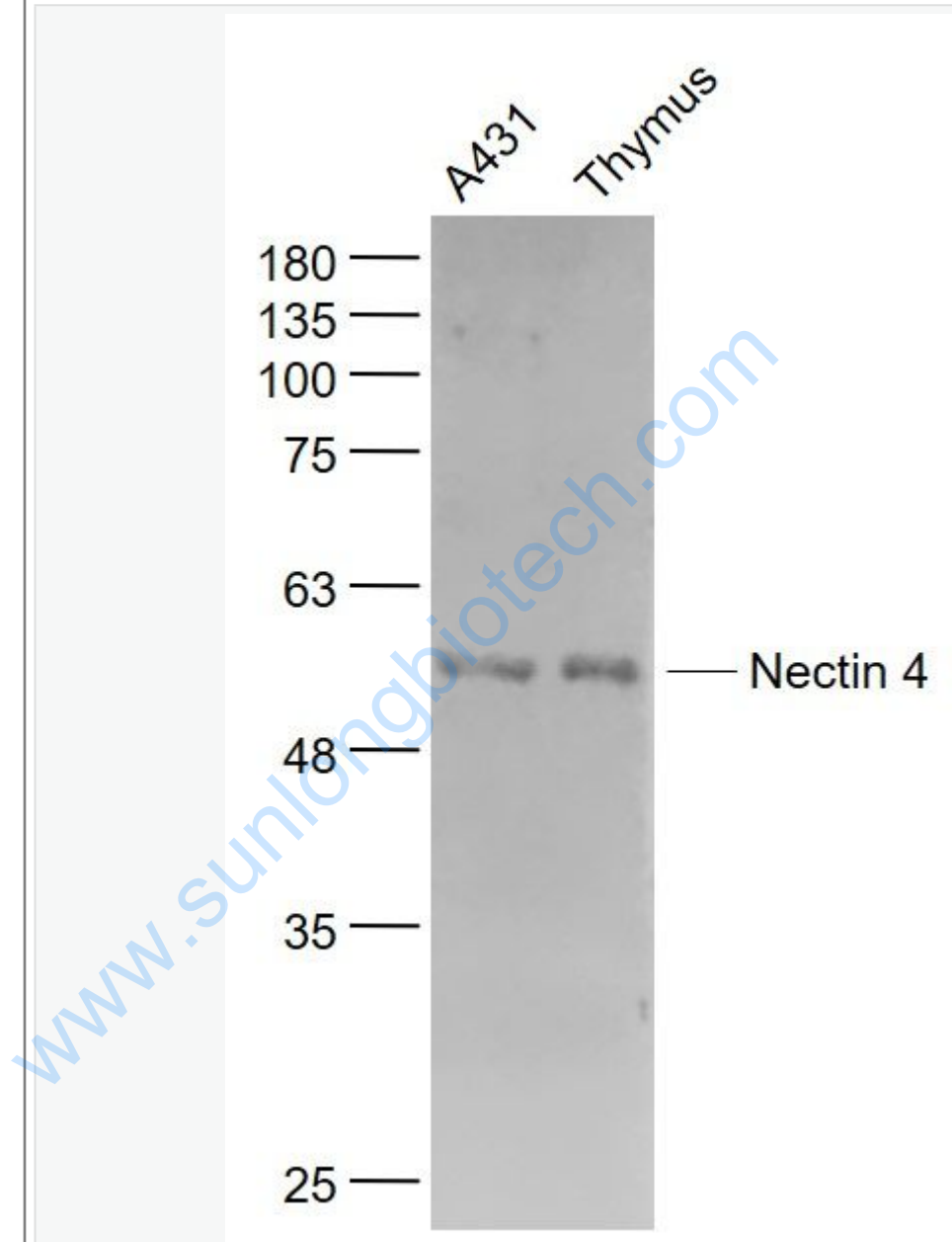
MCF-7(Human) Cell Lysate at 30 ug

Primary: Anti- Nectin 4 (SL10029R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 55 kD



Sample:

A431(Human) Cell Lysate at 30 ug

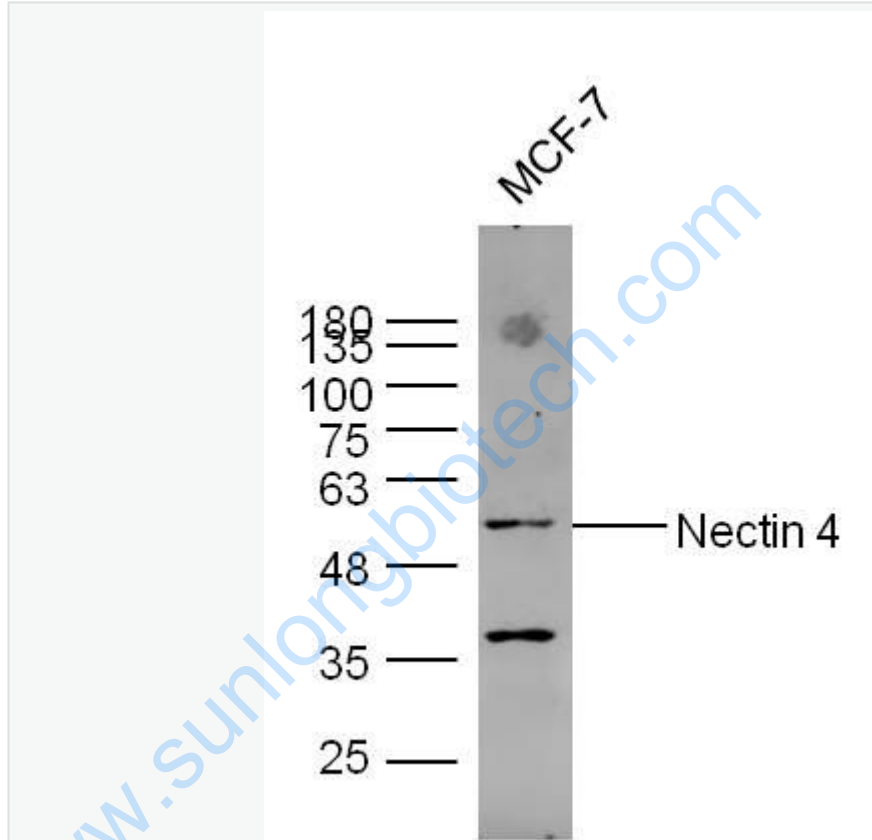
Thymus (Mouse) Lysate at 40 ug

Primary: Anti- Nectin 4 (SL10029R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 55 kD



Sample:

MCF-7 Cell (Human) Lysate at 30 ug

Primary: Anti-Nectin 4 (SL10029R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 53 kD