

# Anti-NECTIN4 antibody

<b>Cat. No.</b>	D122757
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

## Product overview

<b>Description</b>	Anti-NECTIN4 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human NECTIN4
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	1 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

## Target information

<b>Symbol</b>	NECTIN4
<b>Full name</b>	nectin cell adhesion molecule 4
<b>Synonyms</b>	LNIR; PRR4; EDSS1; PVRL4; nectin-4
<b>Swissprot</b>	Q96NY8

## Target 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.

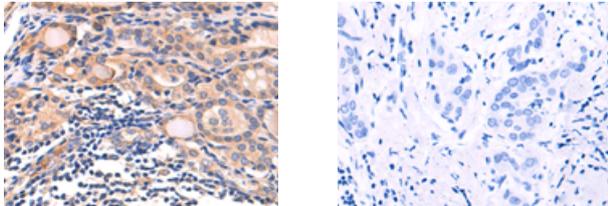
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200

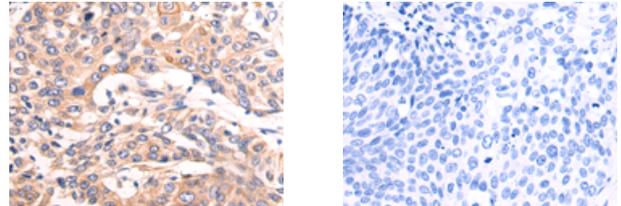


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using D122757(NECTIN4 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human bladder cancer

Recommended dilution: 50-200



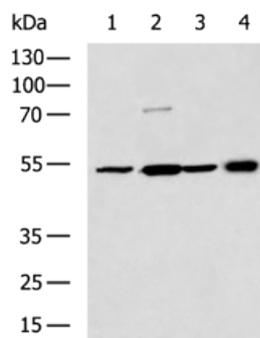
The image on the left is immunohistochemistry of paraffin-embedded Human bladder cancer tissue using D122757(NECTIN4 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 55 kDa

Positive control: MCF7, HepG2, CACO2, SKOV3 cell lysates

Recommended dilution: 1000-5000



Gel: 8%SDS-PAGE

Lysate: 40  $\mu$ g

Lane 1-4: MCF7, HepG2, CACO2, SKOV3 cell lysates

Primary antibody: D122757(NECTIN4 Antibody) at dilution 1/1000

Secondary antibody: D110058(HRP-conjugated

Goat anti rabbit IgG) at 1/5000 dilution

Exposure time: 10 seconds