

For Research Use Only

# Nectin 3 Polyclonal antibody

Catalog Number: 11213-1-AP

6 Publications



## Basic Information

### Catalog Number:

11213-1-AP

### Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1712

### GenBank Accession Number:

BC017572

### GeneID (NCBI):

25945

### UNIPROT ID:

Q9NQ53

### Full Name:

poliovirus receptor-related 3

### Calculated MW:

61 kDa

### Observed MW:

70-80 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

### Positive Controls:

WB : mouse testis tissue, rat testis tissue

IP : mouse testis tissue,

IHC : human prostate cancer tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Nectin 3, also known as CD113, is a member of the nectin family of cell adhesion molecules. It plays a crucial role in cell-cell adhesion and the formation of adherens junctions, which are essential for maintaining tissue integrity and cell polarity. Nectin 3 can form homophilic and heterophilic interactions, meaning it can bind to itself or other nectin family members, such as Nectin-2 (PMID: 10744716; 22902367). These interactions are important for processes like cell migration, tissue development, and immune cell transmigration (PMID: 12901789; 24116228).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yin Zhao	33038291	Cancer Commun (Lond)	WB
Feixue Xu	30469078	Biomed Pharmacother	IHC
Dennis Schöttelndreier	30022975	Front Microbiol	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

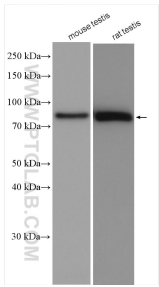
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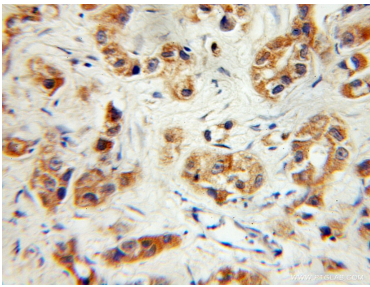
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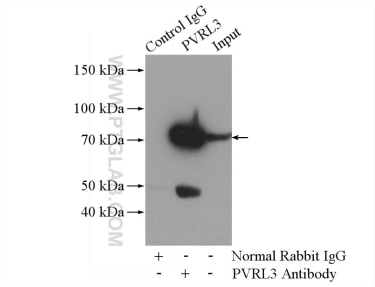
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11213-1-AP (Nectin-3/PVRL3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11213-1-AP (Nectin-3/PVRL3 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-Nectin-3/PVRL3 (IP:11213-1-AP, 4ug; Detection:11213-1-AP 1:600) with mouse testis tissue lysate 4000ug.