

For Research Use Only

# Vertnin Polyclonal antibody

Catalog Number: 24824-1-AP



## Basic Information

### Catalog Number:

24824-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20678

### GenBank Accession Number:

BC053325

### GeneID (NCBI):

55237

### UNIPROT ID:

Q9H8Y1

### Full Name:

chromosome 14 open reading frame

115

### Calculated MW:

702 aa, 78 kDa

### Observed MW:

80 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human

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

### Positive Controls:

WB : SGC-7901 cells,

IHC : human urothelial carcinoma tissue, human stomach cancer tissue

## Background Information

Vertnin, also named as VRTN and C14orf115, belongs to the vertnin family. It is an essential factor for development of the embryo in a wide range of organisms.

## 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

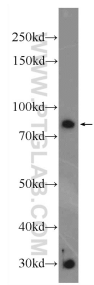
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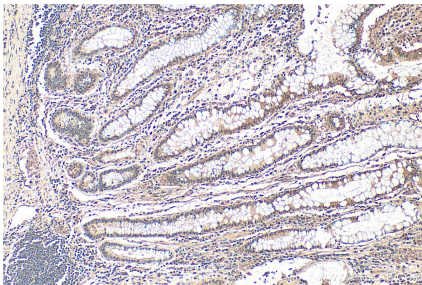
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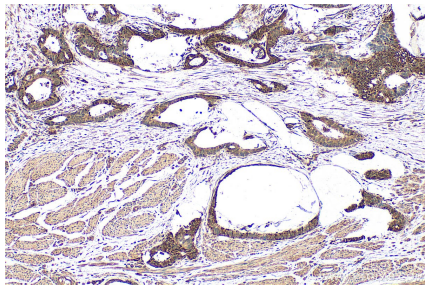
Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 24824-1-AP (Vertnin antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 24824-1-AP (Vertnin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 24824-1-AP (Vertnin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).