

For Research Use Only

# WNT3 Polyclonal antibody, PBS Only

Catalog Number: 28156-1-PBS



## Basic Information

### Catalog Number:

28156-1-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG27965

### GenBank Accession Number:

BC114219

### GeneID (NCBI):

7473

### UNIPROT ID:

P56703

### Full Name:

wingless-type MMTV integration site family, member 3

### Calculated MW:

355 aa, 40 kDa

### Observed MW:

40-45 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

WB, IHC, Indirect ELISA

### Species Specificity:

human, mouse

## Background Information

WNT3 is also named as INT4. WNT3 is required for normal gastrulation, formation of the primitive streak, and for the formation of the mesoderm during early embryogenesis (PMID: 14872406). Wnt3 is up-regulated in cancer tissues, such as gastric cancer and lung cancer. Wnt3, as a member of Wnt family, has been proved to promote the stabilization of  $\beta$ -catenin to regulate the radiation sensitivity of cancer cells (PMID: 31851619).

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

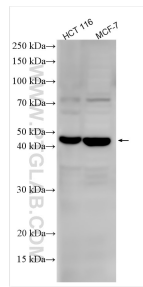
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

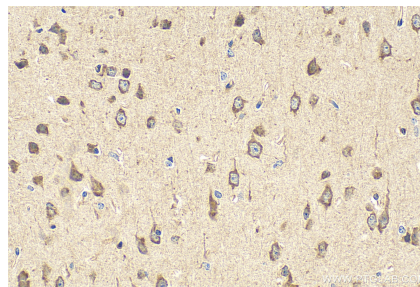
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

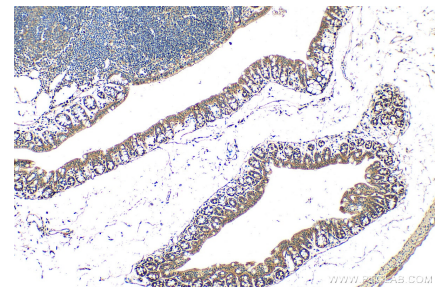
## Selected Validation Data



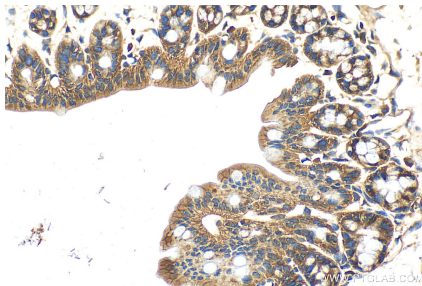
Various lysates were subjected to SDS PAGE followed by western blot with 28156-1-AP (WNT3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28156-1-PBS in a different storage buffer formulation.



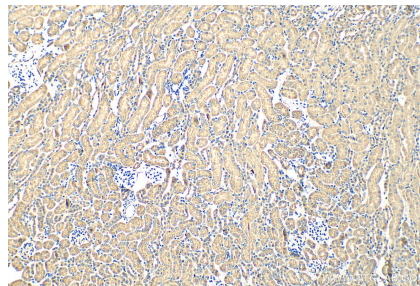
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28156-1-AP (WNT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28156-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 28156-1-AP (WNT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28156-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 28156-1-AP (WNT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28156-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 28156-1-AP (WNT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28156-1-PBS in a different storage buffer formulation.