

For Research Use Only

WNT3 Polyclonal antibody, PBS Only

Catalog Number: 28156-1-PBS



Basic Information

Catalog Number:

28156-1-PBS

Concentration:

1 mg/ml

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 β -catenin to regulate the radiation sensitivity of cancer cells (PMID: 31851619).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

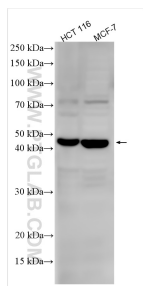
T: 4006900926

E: Proteintech-CN@ptglab.com

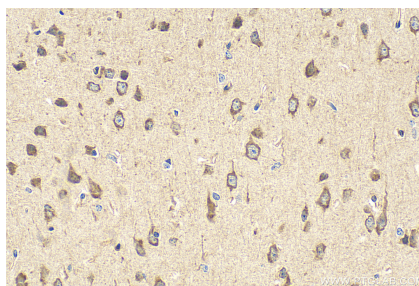
W: ptgcn.com

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

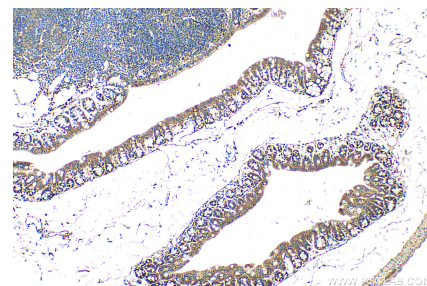
Selected Validation Data



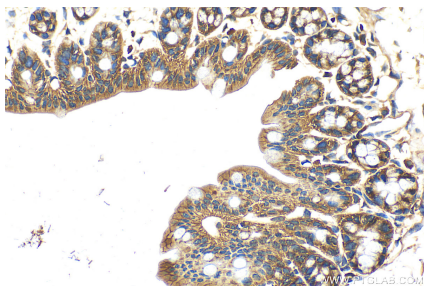
Various lysates were subjected to SDS PAGE followed by western blot with 28156-1-AP (WNT3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28156-1-PBS in a different storage buffer formulation.



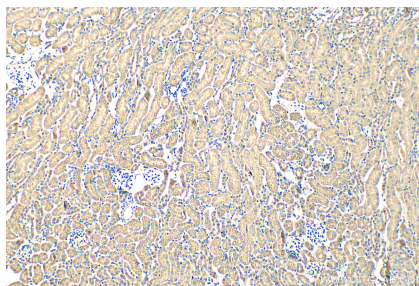
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28156-1-AP (WNT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28156-1-PBS in a different storage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