

For Research Use Only

WNT3 Polyclonal antibody

Catalog Number: 28156-1-AP



Basic Information

Catalog Number: 28156-1-AP	GenBank Accession Number: BC114219	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop;	GeneID (NCBI): 7473	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P56703	
Isotype: IgG	Full Name: wingless-type MMTV integration site family, member 3	
Immunogen Catalog Number: AG27965	Calculated MW: 355 aa, 40 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: Human, mouse	WB : HCT 116 cells, MCF-7 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse colon tissue, mouse kidney tissue, mouse brain tissue

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

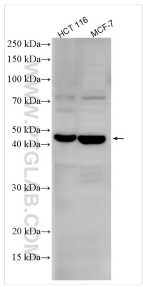
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

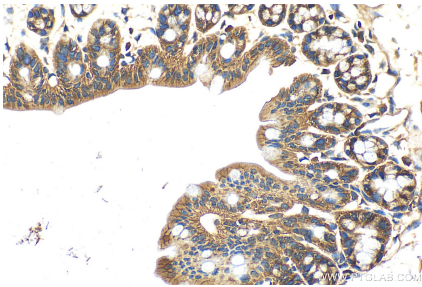
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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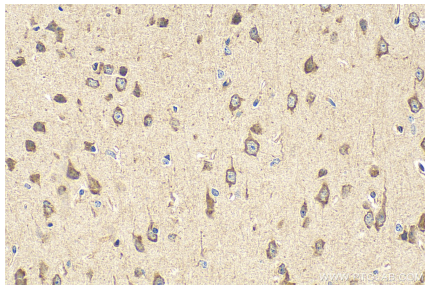
Selected Validation Data



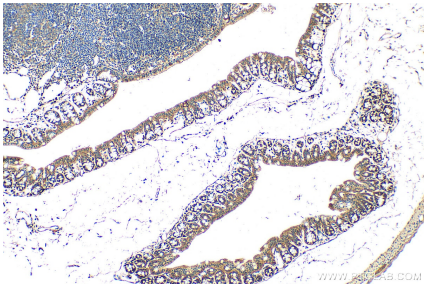
Various lysates were subjected to SDS PAGE followed by western blot with 28156-1-AP (WNT3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



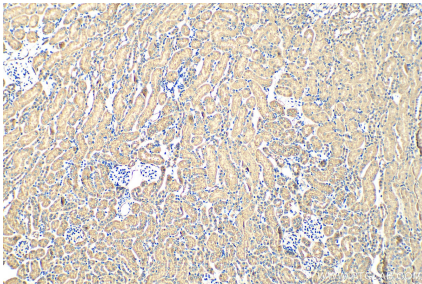
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 28156-1-AP (WNT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



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).