

For Research Use Only

# B4GALNT3 Polyclonal antibody

Catalog Number: 24675-1-AP



## Basic Information

<b>Catalog Number:</b> 24675-1-AP	<b>GenBank Accession Number:</b> BC156653	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 283358	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6L9W6	
<b>Isotype:</b> IgG	<b>Full Name:</b> beta-1,4-N-acetyl-galactosaminyl transferase 3	
<b>Immunogen Catalog Number:</b> AG20342	<b>Calculated MW:</b> 998 aa, 115 kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> Transfected HEK-293 cells, <b>IHC :</b> mouse stomach tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

B4GALNT3 (β1,4-N-acetylgalactosaminyltransferase III) has in vitro activity to promote the synthesis of LacdiNAc, an important structure found on glycoproteins expressed by neurons. B4GALNT3 was highly expressed in either differentiated NB or mature ganglion cells (PMID: 21741930). B4GALNT3 is predominantly expressed in the stomach, colon, and testis (PMID: 32267274).

## Storage

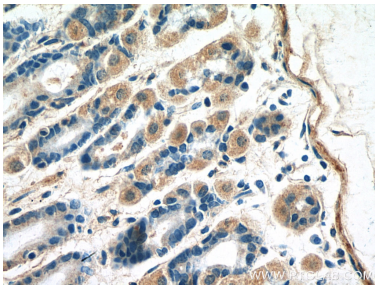
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

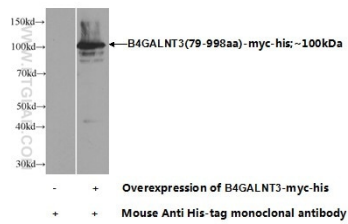
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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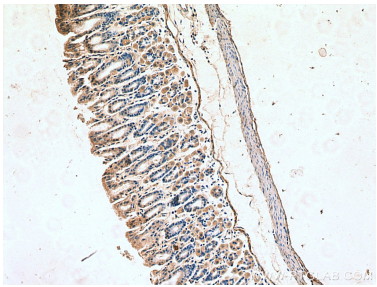
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 24675-1-AP (B4GALNT3 antibody) at dilution of 1:200 (under 40x lens)..



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 24675-1-AP (B4GALNT3 Antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 24675-1-AP (B4GALNT3 antibody) at dilution of 1:200 (under 10x lens)..