

For Research Use Only

B4GALNT3 Polyclonal antibody

Catalog Number: 24675-1-AP



Basic Information

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

Applications

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

Background Information

B4GALNT3 (β 1,4-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

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

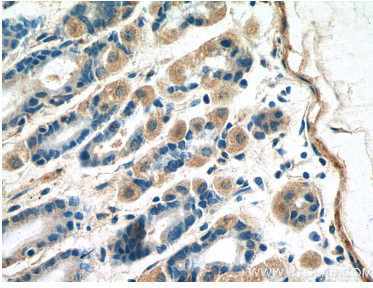
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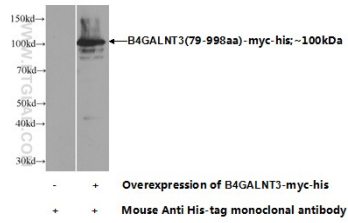
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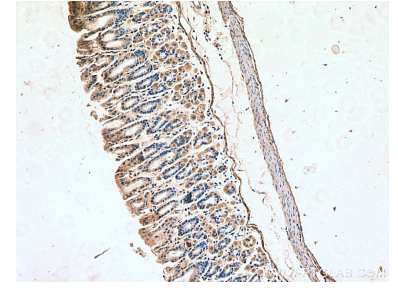
Selected Validation Data



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)..