

B4GALNT3 Polyclonal antibody

Catalog Number: 24675-1-AP

Basic Information

Catalog Number:

24675-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20342

GenBank Accession Number:

BC156653

GeneID (NCBI):

283358

UNIPROT ID:

Q6L9W6

Full Name:

beta-1,4-N-acetyl-galactosaminyl
transferase 3

Calculated MW:

998 aa, 115 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : Transfected HEK-293 cells,

IHC : mouse stomach tissue,

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:

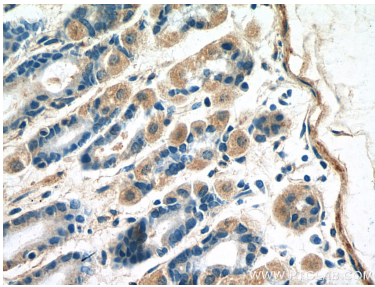
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

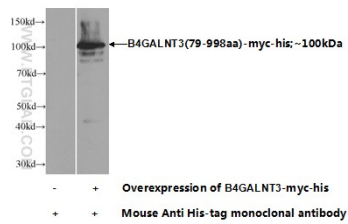
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

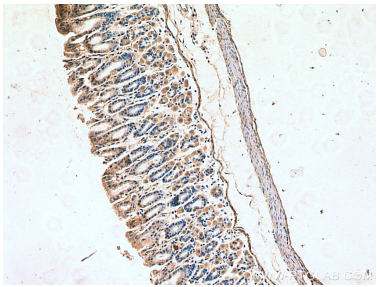
Selected Validation Data



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)..