

For Research Use Only

B3GALT6 Polyclonal antibody

Catalog Number: 55049-1-AP

2 Publications



Basic Information

Catalog Number:

55049-1-AP

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_080605

GeneID (NCBI):

126792

UNIPROT ID:

Q96L58

Full Name:

UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6

Calculated MW:

37 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

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 : mouse brain tissue, mouse liver tissue

IHC : mouse brain tissue, human liver tissue, human liver cancer tissue

Background Information

B3GALT6 belongs to the glycosyltransferase 31 family. It transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. B3GALT6 has a preference for galactose-beta-1,4-xylose that is found in the linker region of glycosaminoglycans, such as heparan sulfate and chondroitin sulfate. It has no activity towards substrates with terminal glucosamine or galactosamine residues. The antibody is specific to B3GALT6.

Notable Publications

Author	Pubmed ID	Journal	Application
Jianfeng Lin	39285260	Nat Microbiol	WB
Jianfeng Lin	38826446	bioRxiv	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

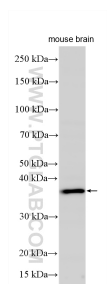
T: 4006900926

E: Proteintech-CN@ptglab.com

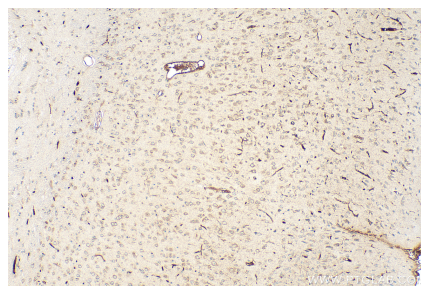
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55049-1-AP (B3GALT6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 55049-1-AP (B3GALT6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).