

For Research Use Only

B3GALT6 Polyclonal antibody

Catalog Number: 55049-1-AP

2 Publications



Basic Information

Catalog Number:

55049-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;

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 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : mouse brain tissue, mouse liver tissue

IHC : human liver cancer tissue, human liver 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

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.

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

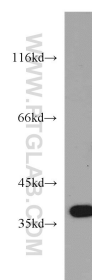
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

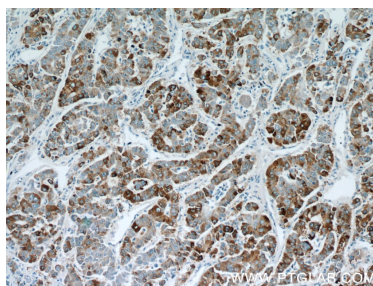
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

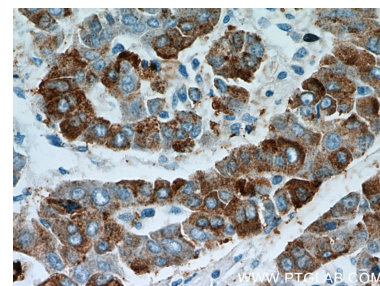
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 55049-1-AP (B3GALT6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 55049-1-AP (B3GALT6 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 55049-1-AP (B3GALT6 antibody) at dilution of 1:50 (under 40x lens).