

For Research Use Only

# B3GALT6 Polyclonal antibody

Catalog Number: 55049-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 55049-1-AP	<b>GenBank Accession Number:</b> NM_080605	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 126792	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96L58	
<b>Isotype:</b> IgG	<b>Full Name:</b> UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6	
	<b>Calculated MW:</b> 37 kDa	
	<b>Observed MW:</b> 37 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, mouse liver tissue IHC : human liver cancer tissue, human liver tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<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

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

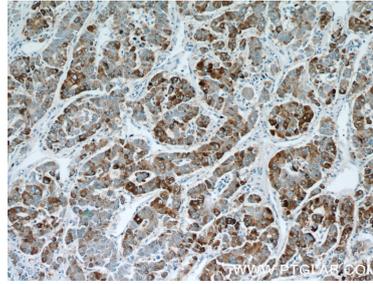
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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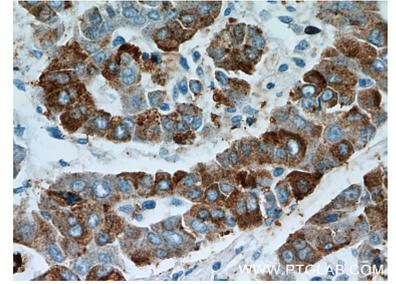
## Selected Validation Data



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).