

For Research Use Only

# B3GALNT1 Polyclonal antibody

Catalog Number: 22048-1-AP



## Basic Information

<b>Catalog Number:</b> 22048-1-AP	<b>GenBank Accession Number:</b> BC047618	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8706	<b>Recommended Dilutions:</b> WB 1:300-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75752	
<b>Isotype:</b> IgG	<b>Full Name:</b> beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group)	
<b>Immunogen Catalog Number:</b> AG16976	<b>Calculated MW:</b> 40 kDa	
	<b>Observed MW:</b> 40-45 kDa	

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, mouse, rat

**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 placenta tissue, MCF-7 cells, mouse brain tissue, rat brain tissue

**IHC :** human heart tissue, human kidney tissue

## 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

\*\*\* 20ul sizes contain 0.1% BSA

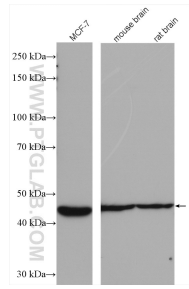
For technical support and original validation data for this product please contact:

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

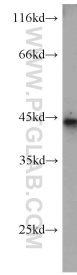
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

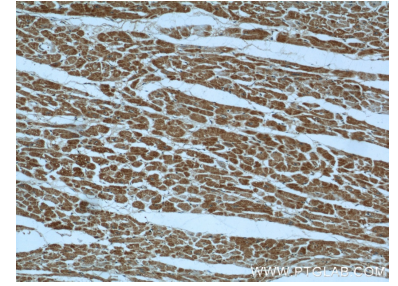
## Selected Validation Data



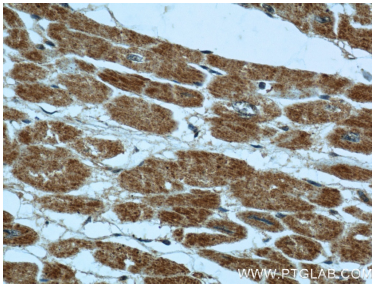
Various lysates were subjected to SDS PAGE followed by western blot with 22048-1-AP (B3GALNT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse placenta tissue were subjected to SDS PAGE followed by western blot with 22048-1-AP (B3GALNT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 22048-1-AP (B3GALNT1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 22048-1-AP (B3GALNT1 antibody) at dilution of 1:50 (under 40x lens).