

For Research Use Only

# B3GALNT1 Polyclonal antibody

Catalog Number: 22048-1-AP



## Basic Information

### Catalog Number:

22048-1-AP

### Size:

150ul , Concentration: 400 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG16976

### GenBank Accession Number:

BC047618

### GeneID (NCBI):

8706

### UNIPROT ID:

O75752

### Full Name:

beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group)

### Calculated MW:

40 kDa

### Observed MW:

40-45 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:300-1:1000

IHC 1:20-1:200

## 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

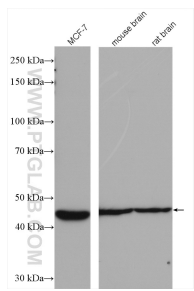
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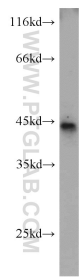
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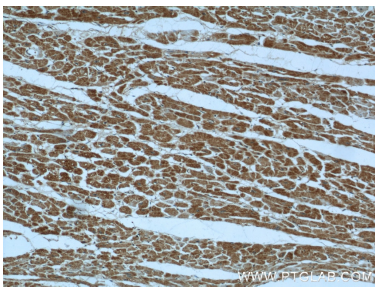
Selected Validation Data



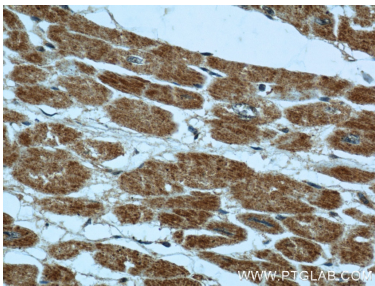
Various lysates were subjected to SDS PAGE followed by western blot with 22048-1-AP (B3GALNT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).