

For Research Use Only

# GCNT1 Polyclonal antibody, PBS Only

Catalog Number: 17845-1-PBS



## Basic Information

<b>Catalog Number:</b> 17845-1-PBS	<b>GenBank Accession Number:</b> BC074885	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 2650	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q02742	
<b>Immunogen Catalog Number:</b> AG12264	<b>Full Name:</b> glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminyltransferase)	
	<b>Calculated MW:</b> 428 aa, 50 kDa	
	<b>Observed MW:</b> 40-50 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Glucosaminyl (N-acetyl) transferase 1 (GCNT1, also known as C2GNT1), is a glycosyltransferase enzyme that plays an essential role in the formation of core 2 branched O-glycans that is crucial to the final definition of O-glycan structure (PMID: 37813880). GCNT1 promotes the growth of prostate tumors and regulates oncogenic gene expression pathways that are important for disease progression (PMID: 24854630).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

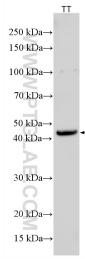
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

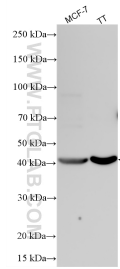
W: [ptgcn.com](http://ptgcn.com)

**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 17845-1-AP (GCNT1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17845-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 17845-1-AP (GCNT1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17845-1-PBS in a different storage buffer formulation.