

For Research Use Only

# GCNT1 Polyclonal antibody, PBS Only

Catalog Number: 17845-1-PBS



## Basic Information

**Catalog Number:**

17845-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG12264

**GenBank Accession Number:**

BC074885

**GeneID (NCBI):**

2650

**UNIPROT ID:**

Q02742

**Full Name:**

glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminyltransferase)

**Calculated MW:**

428 aa, 50 kDa

**Observed MW:**

40-50 kDa

**Purification Method:**

Antigen affinity purification

## 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.

**Storage Buffer:**

PBS only, pH7.3

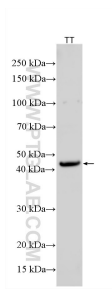
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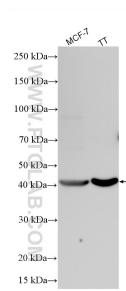
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## Selected Validation Data



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.



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