

For Research Use Only

# GNPTG Polyclonal antibody

Catalog Number: 14074-1-AP



## Basic Information

Catalog Number:

14074-1-AP

Size:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5153

GenBank Accession Number:

BC014592

GeneID (NCBI):

84572

UNIPROT ID:

Q9UJJ9

Full Name:

N-acetylglucosamine-1-phosphate transferase, gamma subunit

Calculated MW:

34 kDa

Observed MW:

34 kDa, 68-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : RAW 264.7 cells, mouse testis tissue, rat testis tissue

## Background Information

GlcNAc-phosphotransferase is a multisubunit enzyme with an  $\alpha 2 \beta 2 \gamma 2$  arrangement that requires a detergent for solubilization. Recent cloning of cDNAs and genes encoding these subunits revealed that the  $\alpha$  - and  $\beta$  -subunits are encoded by a single gene as a precursor, whereas the  $\gamma$  -subunit is encoded by a second gene. Sugar composition and/ or additional modifications which alter the charge of the GNPTAG oligosaccharide chains are variable in a cell type-dependent manner.

## 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

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

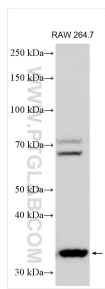
T: 4006900926

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

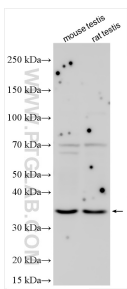
W: [ptgcn.com](http://ptgcn.com)

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 14074-1-AP (GNPTG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14074-1-AP (GNPTG antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.