

For Research Use Only

# GNPTG Polyclonal antibody

Catalog Number: 14074-1-AP



## Basic Information

**Catalog Number:**

14074-1-AP

**Size:**

150ul, Concentration: 800 ug/ml by Nanodrop;

**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

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

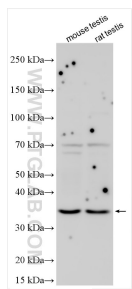
For technical support and original validation data for this product please contact:

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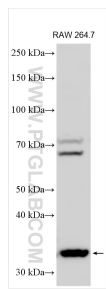
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# Selected Validation Data



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.



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.