

For Research Use Only

GNPTG Polyclonal antibody, PBS Only

Catalog Number: 14074-1-PBS



Basic Information

Catalog Number:

14074-1-PBS

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 α - and β -subunits are encoded by a single gene as a precursor, whereas the γ -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 -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:

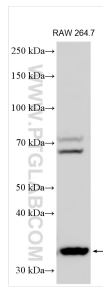
T: 4006900926

E: Proteintech-CN@ptglab.com

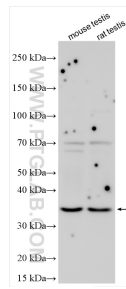
W: ptgcn.com

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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 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14074-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 14074-1-PBS in a different storage buffer formulation.