

For Research Use Only

GNPTG Polyclonal antibody, PBS Only

Catalog Number: 14074-1-PBS



Basic Information

Catalog Number:

14074-1-PBS

Size:

100ug, Concentration: 1 mg/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

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 .

Storage Buffer:

PBS only, pH7.3

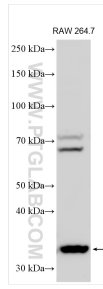
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

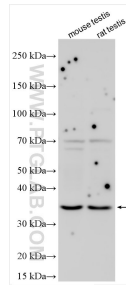
E: proteintech@ptglab.com
W: ptglab.com

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. 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.